

# OSSSC

E-BOOK

**PREVIOUS YEAR PAPERS  
(2014 - 2024)**

## ***RI AMIN SFS ICDS*** **FOR MAINS EXAM**

### **TOPIC COVERED**

General Awareness  
Computer Awareness  
Mathematics  
English  
Odia

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**(2014 - 2024)**

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## **- PREFACE -**

### **( First Edition )**

The book titled "3000+ OSSSC PYQs Book" is categorised in 3 steps.

- (i) Sectionwise
- (ii) Topicwise
- (iii) Typewise

All questions have been taken from previous year papers. The solutions are provided in simple language, adopting an exam oriented approach i.e. beneficial for every students. Sincere and rigorous efforts have been made to make this possible. It will immensely help you hit your target.

This book helps students understand the types of questions that are commonly asked. Practicing these questions, student can analyze, trends in the types of questions and topics that are asked, helping them focus their preparation on key areas.

**- Trilochan Puhan**

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01. 'Dengue' fever is caused by —  
(OSSSC RI 2015 & RI 2021)  
(A) Varicella — Zoster virus  
(B) Aedes aegypti mosquito  
(C) Hepatitis A virus  
(D) None of these
02. Rabies is caused by  
(OPRB CBRE Warder- 23rd Dec 2022-SL-1)  
(A) virus (B) bacteria  
(C) protozoa (D) All of these
03. The disease 'Plague' is spread by which animal?  
(OPRB CBRE Warder- 27th Dec 2022-SL-1)  
(A) Mosquito (B) Rat  
(C) Dog (D) Jackal
04. Which virus causes 'Bird Flu'?  
(OSSSC LIVESTOCK 2021)  
(A) H1N1 (B) H2N3 (C) H3N2 (D) H5N1
05. Black-foot disease is caused due to groundwater contaminated with excess of  
(OPRB CBRE Warder- 24th Dec 2022-SL-1)  
(A) mercury (B) fluoride  
(C) arsenic (D) Sulphur
06. Which of the following diseases is caused by the bite of a dog?  
(OPRB CBRE Warder- 27th Dec 2022-SL-3)  
(A) Hydrocele (B) Hydrophobia  
(C) Hydrocephalus (D) Hydroperitoneum
07. High fever, vomiting, diarrhoea, coughing, fatigue, muscle ache, abdominal pain, chest pain, eye infection, bleeding nose and gums are initial symptoms of —  
(OSSSC Jail Warder 2017)  
(A) Bird flu (B) Rabies  
(C) Dengue (D) None of these
08. Which of the following is not a symptom of Malaria?  
(OSSSC RI 2015)  
(A) Sensation of coldness and shivering of body  
(B) Running of high temperature  
(C) Vomiting at times  
(D) Running nose
09. Which of the following is not a symptom of Cholera?  
(OSSSC Jr. Clerk 2015)  
(A) Loose motion almost like water  
(B) Vomiting  
(C) Intense thirst  
(D) Yellowing of body and eyes
10. "Neuritis" i.e., degeneration of nerves, weakness of muscles and swelling of limbs are symptoms of —  
(OSSSC Jr. Clerk 2015)  
(A) Scurvy (B) Rickets  
(C) Beri- Beri (D) None of these

11. Which of the following is not a measure of prevention of Smallpox?

(OSSSC RI 2015)

- (A) Isolation of patient till the last crust of rashes separate
- (B) Disinfection of premises
- (C) Destruction of sputum
- (D) Cleaning patients' clothing in washing machine

12. Which of the following is not a measure of prevention of Tuberculosis?

(OSSSC Jr. Clerk 2015)

- (A) Patient should not cough here and there.
- (B) Patient should avoid hard work, smoking, drinking and worrying.
- (C) Patient's room should be properly closed.
- (D) Good and vitaminous food be given to patient.

13. "Elisa" test is associated with —

(OSSSC Jr. Clerk 2015)

- (A) Bird flu
- (B) Encephalitis
- (C) AIDS
- (D) None of these

14. 'D.P.T.' vaccine stands for which of the following?

(OSSSC LIVESTOCK 2021)

- (A) Diarrhoea — Pertussis - Typhoid
- (B) Diptheria — Pertussis - Tetanus
- (C) Diptheria — Pneumonia - Typhoid
- (D) Diarrhoea — Pneumonia - Tetanus

15. Which of the following pairs of disease and the affected part of human body is incorrect?

Sl. No.	Disease	Part of human body
i.	Jaundic	a. liver
ii.	Meningitis	b. spinal cord and brain
iii.	Ottis	c. lungs
iv.	Pleurisy	d. ear

(OSSSC Jr. Clerk 2015)

(A) Only i is incorrect

(B) Only ii is incorrect

(C) Only ii & iii are incorrect

(D) Only iii & iv are incorrect

16. Which of the following pairs of disease and the affected part of human body is incorrect?

Sl. No.	Disease	Part of human body
i.	Asthma	a. bronchial muscles
ii.	Diabetes	b. pancreas
iii.	Encephalitis	c. thyroid gland
iv.	Goitre	d. brain

(OSSSC RI 2015)

(A) Only i & ii are incorrect

(B) Only ii is incorrect

(C) Only iii & iv are incorrect

(D) only iv is incorrect

17. Which of the following pairs of disease and the affected part of human body is incorrect?



## GEOGRAPHY

01. The shape of our Milky Way galaxy is  
(A) circular (B) elliptical  
(C) spiral (D) None of these
02. Which is the largest Planet in the solar system?  
(OSSSC HAW/HEW 2016)  
(A) Saturn (B) Jupiter  
(C) Mercury (D) Mars (OSSSC Jr. Assistant 2018)
03. On which of the following planets of the solar system does the sun rise in the West and set in the East?  
(OPRB CBRE Warder- 24th Dec 2022-SL-1)  
(A) Venus (B) Mars  
(C) Jupiter (D) Saturn
04. Consider the following statements:  
1. The Pole Star always indicates the north direction.  
2. Jupiter, Saturn, Uranus and Neptune all have rings around them.  
3. Meteoroids are found between Mars and Jupiter.  
Which of the statements given above is/are incorrect?  
(OSSSC Jr. Assistant 2018)  
(A) 1 and 2 only (B) 2 and 3 only  
(C) 3 only (D) 1, 2 and 3
05. Consider the following statements :  
1. All the Parallels/Latitudes on the Earth are of the same length and have equal distance between them, whereas the length of the Longitude and distance between them decreases towards Pole.  
2. Latitudes are used to classify heat zone of the Earth whereas Longitudes are used to measure Time. Which of the statements given above is/are correct?  
(OSSSC Jr. Assistant 2018)  
(A) 1 only (B) 2 only  
(C) Both 1 and 2 (D) Neither 1 nor 2
06. The earth rotates round its axis at a speed of-  
(OSSSC Jr. Clerk 2015)  
(A) 26 kms/minute (B) 27 kms/minute  
(C) 28 kms/minute (D) None of these
07. One degree of latitude from Equator measures about-  
(OSSSC RI 2015)  
(A) 100 kms (B) 105 kms  
(C) 110 kms (D) None of these
08. The Latitude of the Tropic of Cancer is-  
(OSSSC Jr. Clerk 2015)  
(A) 21.5 degree north (B) 22.5 degree north  
(C) 23.5 degree north (D) None of these
09. Which of the following is not a benefit of Latitude and Longitude?  
(OSSSC Jr. Clerk 2015)  
(A) We can identify the location and local time of a place accurately.

## GEOGRAPHY

- (B) We can predict rain.
- (C) We can have some idea of hotness or coldness of a place.
- (D) We can know the distance in kilometre of a place from Equator.
10. Which of the following statements on Prime Meridian is correct?  
(OSSSC RI 2015)
- (A) It is the Meridian from which longitude is measured.
- (B) 0 degree longitude is measured from here.
- (C) It passes through Greenwich near London which had once a famous observatory.
- (D) All of these
11. The Equator does not pass through which of the following countries?  
(OSSSC RI 2015)
- (A) Indonesia (B) Mexico
- (C) Brazil (D) Columbia
12. It is six months long day in the Northern polar region and six months long night in the Southern polar region because  
(OPRB CBRE Warder- 24th Dec 2022-SL-3)
- (A) Earth is revolving around the Sun
- (B) Earth is inclined towards its orbital plane
- (C) Earth is rotating
- (D) None of the above
13. On which of the following dates the day at Arctic Circle is of 24 hours duration?  
(OSSSC RI 2015)
- (A) June, 21 (B) May, 22
- (C) April, 23 (D) June, 22
14. On which of the following dates is the night at Arctic Circle of 24 hours duration?  
(OSSSC Jr. Clerk 2015)
- (A) December, 22 (B) November, 22
- (C) October, 23 (D) September, 22
15. Summer Solstice in the Southern Hemisphere occurs on  
(OPRB CBRE Warder- 24th Dec 2022-SL-1)
- (A) 22nd December (B) 23rd September
- (C) 21st June (D) 21st March
16. Equinoxes occur throughout the globe on-  
(OSSSC RI 2015)
- (A) January, 18 & August, 21
- (B) March, 21 & September, 23
- (C) February, 19 & September, 23
- (D) None of these
17. Tides are caused by gravitational pull of the:  
(OSSSC CRE 2021)
- (A) Earth on the Moon
- (B) Earth on the Sun
- (C) Sun and Moon on the Earth
- (D) Moon on the Earth

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**GEOGRAPHY**

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- |          |         |         |          |         |         |         |         |
|----------|---------|---------|----------|---------|---------|---------|---------|
| 37. (D)  | 38. (B) | 39. (A) | 40. (C)  | 141.(A) | 142.(A) | 143.(D) | 144.(D) |
| 41. (D)  | 42. (B) | 43. (D) | 44. (D)  | 145.(C) | 146.(D) | 147.(D) | 148.(A) |
| 45. (A)  | 46. (*) | 47. (C) | 48. (A)  | 149.(B) | 150.(C) | 151.(B) | 152.(A) |
| 49. (C)  | 50. (B) | 51. (C) | 52. (C)  | 153.(C) | 154.(C) | 155.(C) | 156.(A) |
| 53. (B)  | 54. (D) | 55. (B) | 56. (B)  | 157.(B) | 158.(B) |         |         |
| 57. (A)  | 58. (C) | 59. (A) | 60. (A)  |         |         |         |         |
| 61. (C)  | 62. (B) | 63. (D) | 64. (C)  |         |         |         |         |
| 65. (C)  | 66. (B) | 67. (B) | 68. (A)  |         |         |         |         |
| 69. (A)  | 70. (D) | 71. (C) | 72. (C)  |         |         |         |         |
| 73. (B)  | 74. (B) | 75. (B) | 76. (C)  |         |         |         |         |
| 77. (A)  | 78. (C) | 79. (C) | 80. (B)  |         |         |         |         |
| 81. (C)  | 82. (B) | 83. (B) | 84. (B)  |         |         |         |         |
| 85. (C)  | 86. (D) | 87. (D) | 88. (A)  |         |         |         |         |
| 89. (C)  | 90. (D) | 91. (B) | 92. (*)  |         |         |         |         |
| 93. (D)  | 94. (D) | 95. (B) | 96. (A)  |         |         |         |         |
| 97. (B)  | 98. (B) | 99. (C) | 100. (D) |         |         |         |         |
| 101.(C)  | 102.(D) | 103.(A) | 104.(A)  |         |         |         |         |
| 105.(A)  | 106.(D) | 107.(B) | 108.(C)  |         |         |         |         |
| 109.(A)  | 110.(A) | 111.(A) | 112.(D)  |         |         |         |         |
| 113.(D)  | 114.(C) | 115.(B) | 116.(D)  |         |         |         |         |
| 117.(C)  | 118.(B) | 119.(C) | 120.(A)  |         |         |         |         |
| 121.(D)  | 122.(A) | 123.(C) | 124.(C)  |         |         |         |         |
| 125.(B)  | 126.(D) | 127.(C) | 128.(C)  |         |         |         |         |
| 129.(C)  | 130.(B) | 131.(A) | 132.(D)  |         |         |         |         |
| 133. (D) | 134.(C) | 135.(A) | 136.(B)  |         |         |         |         |
| 137.(B)  | 138.(A) | 139.(C) | 140.(C)  |         |         |         |         |

**SOLUTION**

01. (C) Milky Way Galaxy (Akash Ganga) is spiral in shape. It consists of over a 100 billion stars rotating and revolving about its centre.
02. (B) Planets in the solar system arranged in order of their size from largest to smallest:  
Jupiter, Saturn, Uranus. Neptune, Earth, Venus, Mars, Mercury
03. (A) Venus is unique in our solar system, rotates in the opposite direction, east to west. Because of this rotation, the sun appears to rise in the west and set in the east on Venus.
04. (C) Statement 1 is correct. The Pole Star is located near the Earth's North Pole and appears almost stationary in the night sky.  
Statement 2 is correct. Jupiter, Saturn, Uranus and Neptune are known as outer planets. They have large number of moons and all have a ring system around them.  
Statement 3 is incorrect. Asteroids are a series of very small planets are found between the orbits of Mars and Jupiter.
05. (B) Statement 1 is incorrect.  
All the Parallels/Latitudes on the Earth are of the same length and have equal distance between

them. Longitudes (imaginary lines running north-south), on the other hand, all have the same length (360 degrees) and maintain a constant distance between them.

06. (D) The Earth rotates around its axis at equator an approximate speed of 1667 kilometers per hour (km/h) or 27.78 km/minute. It decreases towards the poles, where it is zero.

07. (C) The distance of each degree at the equator is 110.567 km. The distance of each degree at the Tropic of Cancer and Tropic of Capricorn (23.5° north and south), is 110.948 km. The distance of each degree at each of the poles, 111.699 km.

The Earth's shape is not a perfect sphere but rather an oblate spheroid, causing slight variations in the distance at different latitudes.

08. (C) The Tropic of Cancer is located approximately 23.5 degrees north of the Equator.

09. (B) Latitude and longitude are geographic coordinates used to identify a location, determining local time, and providing information about climate (hotness or coldness) and distance from the Equator, they do not directly help in predicting rain. Rain prediction typically involves meteorological factors such as atmospheric pressure, humidity, temperature, wind patterns, and other climatic conditions.

11. (B) The Equator passes through a total of 13 countries.

São Tomé and Príncipe, Gabon, Republic of the Congo, Democratic Republic of the Congo,

Uganda, Kenya, Somalia, Indonesia, Ecuador, Colombia, Brazil, Maldives, The Republic of Kiribati

12. (B) The phenomenon of six months of continuous daylight in the Northern polar region and six months of continuous darkness in the Southern polar region is due to the tilt of the Earth's axis relative to its orbital plane. When the North pole is tilted towards the sun, it experiences continuous daylight for six months. It is night for the same time at the south pole.

13. (A) On June 21, the day at the Arctic Circle experiences 24 hours of continuous daylight. This phenomenon occurs during the summer solstice when the tilt of the Earth's axis is such that the North Pole is tilted towards the Sun.

14. (A) On December 22, the night at the Arctic Circle experiences 24 hours of continuous darkness. This phenomenon occurs during the winter solstice when the tilt of the Earth's axis is such that the North Pole is tilted away from the Sun.

16. (B) Equinoxes occur twice a year. These are dates when days and night are equal. During these days the sun shines directly over the equator.

March 21st is around the date of the vernal equinox (spring equinox in the Northern Hemisphere, autumnal equinox in the Southern Hemisphere).

September 23rd is around the date of the autumnal equinox (fall equinox in the Northern Hemisphere, vernal equinox in the Southern Hemisphere).

01. With reference to GDP deflator, consider the following statements:

(OSSSC Jr. Assistant 2018)

1. It is the ratio of GDP measured at current prices to GDP measured at constant prices.
2. It automatically reflects the changes in consumption pattern and structural transformations in the economy.

Which of the statements given above is/are correct?

- (A) 1 only                      (B) 2 only  
(C) Both 1 and 2            (D) Neither 1 nor 2

02. Which of the following is an appropriate description of disinflation?

(OSSSC Jr. Assistant 2018)

- (A) It is a slowdown in the rate of increase of the general price level of 'goods and services.  
(B) It is a sudden fall in the value of a currency against other currencies.  
(C) It is a persistent fall in the general price level of goods and services.  
(D) It is a steep increase in the price level of export items.

03. Consider the following statements with respect to inflation:

(OSSSC Jr. Assistant 2018)

1. It decreases the purchasing power capacity of a currency.
2. It benefits both the bondholders and debtors.

Which of the statements given above is/are correct?

- (A) 1 only                      (B) 2 only  
(C) Both 1 and 2            (D) Neither 1 nor 2

04. Monetary policy is regulated by

(OPRB CBRE Warder- 26th Dec 2022-SL-1)

- (A) money lenders  
(B) RBI  
(C) private entrepreneurs  
(D) Government Policy

05. Bank rate is the rate at which

(OPRB CBRE Warder- 27th Dec 2022-SL-3)

- (A) a bank lends to the public  
(B) the Reserve Bank of India lends to the public  
(C) the Government of India lends to other countries  
(D) the Reserve Bank of India gives credit to commercial banks

06. Consider the following statements regarding the Repo Rate:

(OSSSC Jr. Assistant 2018)

1. Repo is an instrument with RBI for borrowing funds only on an overnight basis.
2. Both government and corporate sector securities can be used for borrowing under repo rate.
3. Increase in the repo rate will increase the liquidity in the market.

Which of the statements given above is/are correct?

- (A) 1 and 2 only                      (B) 2 only  
(C) 1 only                              (D) 1, 2 and 3

07. With reference to Cash Reserve Ratio (CRR), consider the following statements:

(OSSSC Jr. Assistant 2018)

1. CRR is the percentage of deposits which a bank must keep with itself in the form of any liquid asset.
2. Higher the CRR requirement, lower will be the credit creation in the economy.

Which of the statements given above is/are correct?

- (A) 1 only                              (B) 2 only  
(C) Both 1 and 2                      (D) Neither 1 nor 2

08. In India, Know Your Customer (KYC) verifications are mandatory for which of the following sectors?

(OSSSC Jr. Assistant 2018)

1. Banking                      2. Equity Trading
3. Pension                      4. Insurance services

Select the correct answer using the code given below :

- (A) 1, 2 and 3 only                      (B) 3 and 4 only  
(C) 1 and 2 only                              (D) 1, 2, 3 and 4

09. Who is responsible for the collection and publication of monetary and financial information?

(OPRB CBRE Warder- 25th Dec 2022-SL-1)

- (A) Finance Commission  
(B) Finance Ministry  
(C) Reserve Bank of India  
(D) Auditor and Comptroller General of India

10. Which of the following Financial Institutions is the source of credit for small industries?

(OSSSC CRE 2021)

- (A) IDBI (B) SIDBI (C) IFCI (D) NABARD

11. Which of the following was/were the outcomes of the Bretton Woods Conference held in 1944?

(OSSSC Jr. Assistant 2018)

1. Setting up of International Monetary Fund (IMF) and the World Bank.
2. Setting up of World Trade Organisation.
3. Establishment of international gold exchange standard.

Select the correct answer using the code given below:

- (A) 1 only                              (B) 1 and 2 only  
(C) 1 and 3 only                              (D) 2 and 3 only

12. With reference to Special Economic Zones, consider the following statements:

(OSSSC Jr. Assistant 2018)

1. It refers to a specially demarcated territory with tax holidays and exemptions from duties for export and import.
2. A major objective of setting up a SEZ is to attract Foreign Direct Investment and earn foreign exchange.

**ANSWER KEY**

- |       |       |       |       |
|-------|-------|-------|-------|
| 01. C | 02. A | 03. A | 04. B |
| 05. D | 06. B | 07. B | 08. D |
| 09. C | 10. B | 11. C | 12. C |
| 13. A | 14. D | 15. D | 16. * |
| 17. C | 18. A | 19. A | 20. C |
| 21. C | 22. C | 23. C | 24. C |
| 25. B | 26. D | 27. B | 28. A |
| 29. D | 30. A | 31. D | 32. A |
| 33. C | 34. B | 35. A | 36. A |
| 37. B | 38. A | 39. C | 40. C |
| 41. C | 42. C |       |       |

**SOLUTION**

01. (C) Statement 1 is Correct. The GDP deflator is the ratio of the value of GDP an economy produces in a particular year at current prices to that of prices that prevailed during the base year.
- Statement 2 is Correct. Changes in consumption patterns or introduction of goods and services are automatically reflected in the GDP deflator.
02. (A) Disinflation occurs when the general price level of 'goods and services' continue to increase but at a slower rate than before.
03. (A) Statement 1 is correct. Inflation decreases the purchasing power capacity of a currency over time. With the same amount of money, you can buy fewer things over time due to inflation.
- Statement 2 is incorrect.

**Debtors:** If you borrow money and pay it back later during a period of inflation, the money you repay has less purchasing power than the money you borrowed. In effect, inflation reduces the real value of your debt.

**Bond holders:** Bonds offer a fixed interest rate. If inflation rises above that rate, the purchasing power of the interest payments you receive gets eroded. For example, a 5% interest rate on a bond might seem good, but if inflation is 6%, you're actually losing purchasing power because the 5% increase can't keep up with the 6% price increase.

06. (B) Statement 1 is incorrect.

While repo transactions are often conducted on an overnight basis, they can also extend for longer than a single day.

Statement 2 is correct.

Repo rate primarily deals with government securities which can be used as collateral for borrowing funds through the repo rate mechanism. There are some instruments where corporate securities can be used as collateral.

This statement 3 is incorrect.

An increase in the repo rate typically leads to a decrease in liquidity in the market because it becomes more expensive for banks to borrow funds from the central bank, leading to a reduction in lending by banks to the market.

07. Statement 1 is incorrect.

A commercial bank is required to keep a certain percentage of its total deposits with RBI in cash. It is called Cash Reserve Ratio.

Statement 2 is correct.

When the CRR requirement is higher, banks have to keep more of their deposits with the central bank, leaving them with less money to lend to customers. This reduces the amount of money available for credit creation, which can lead to a decrease in economic activity.

10. (B) SIDBI: Stands for Small Industries Development Bank of India. It's a financial institution specifically established in 1990 to promote, finance, and develop the micro, small, and medium enterprise (MSME) sector in India.

11. (C) The establishment of the International Monetary Fund (IMF) and the World Bank and the international gold exchange standard were outcomes of the Bretton Woods Conference.

The WTO was established later in 1995 under Marrakech Agreement replacing the General Agreement on Tariffs and Trade (GATT) which commenced in 1948.

14. (D) The disinvestment process involves the sale of government stake in public sector enterprises to strategic or financial buyers, either through the sale of shares on stock exchanges or through the sale of shares directly to buyers.

Privatization is the process of transfer of ownership of a public sector undertaking to the private sector.

15. It is a type of currency or medium of exchange which is recognized when issued.

Almost every country uses its national currency as legal tender.

Legal tender is constituted by a law that specifies the object to be utilised as legal tender. It has its own intrinsic value.

In India, the authentic legal tender of the Reserve Bank of India consists of coins and notes.

16. The first Deputy Chairman of the Planning Commission of India was Gulzarilal Nanda.

20. (C) Octroi is a local tax levied and collected by municipal authorities or local bodies in India. As of 1 July 2017, with the introduction of GST country-wide, the octroi has been abolished

24. (C) Blue Revolution Related to Fish.

26. (D) As the cotton industry developed in England, Indian cotton export market collapsed and local market shrank being flooded with British goods in cheap price. Indian handmade goods could not compete with fine machine-made goods of England.

By 1860, they faced a new problem. They could not get sufficient supply of good quality raw cotton which was sent to England for their industries after American world war. The prices of raw cotton shot up and Indian weavers were forced to buy raw cotton at unreasonably high prices. In most cases, they were unable to pay.

27. (B) From 1906 Indian exports of yarn to China reduced because the Chinese market was flooded with products from Chinese and Japanese mills. Indian industries shifted from yarn to cloth production in response to market demands.

32. (A) First large scale steel plant was TISCO at Jamshedpur in 1907 by Jamsedji Tata.



01. The greatest invention of man in Palaeolithic Age was  
(OPRB CBRE Warder- 24th Dec 2022-SL-1)  
(A) fire (B) potter's wheel  
(C) metal implements (D) spinning of cloth
02. Mohenjo-daro is also known as?  
(OSSSC RI 2021)  
(A) Mound of the great  
(B) Mound of the survivors  
(C) Mound of the living  
(D) Mound of the dead
03. Which was the main deity of Harappa?  
(OPRB CBRE Warder- 27th Dec 2022-SL-1)  
(A) Pashupati Mahadeva (B) Indra  
(C) Agni (D) Varun
04. Which city of Gujarat has recently found place in World Heritage list of UNESCO as an ancient city of Harappan civilization?  
(OSSSC Livestock Inspector –2021)  
(A) Patan (B) Dholavira  
(C) Champaner (D) Ahmedabad
05. Iraq country is associated with which ancient human civilization?  
(OSSSC CRE PEO/JA 2023)  
(A) Greek (B) Mesopotamia  
(C) Egypt (D) Rome
06. India's ancient city Pataliputra is presently known as what?  
(OSSSC CRE PEO/JA 2023)  
(A) Pune (B) Palampur (C) Patna (D) Panipat
07. Which of the following transferred his capital from Rajgir to Pataliputra?  
(OPRB CBRE Warder- 24th Dec 2022-SL-1)  
(A) Bimbisara (B) Ajatshatru  
(C) Udayin (D) Shishunaga
08. Which among the following dynasty was ruling over Magadha when Alexander invaded India?  
(OSSSC RI 2021)  
(A) Shisunagas (B) Nandas  
(C) Mauryas (D) Kosalas
09. Porus was defeated by Alexandar at the Battle of .....  
(OPRB CBRE Warder- 22nd Dec 2022-SL-1)  
(A) Buxar (B) Heart (C) Kabul (D) Hydaspes
10. The world famous Khajuraho temples were built by the kings of which of the following dynasties?  
(OSSSC RI 2015)  
(A) Chandela (B) Chauhan  
(C) Parmar (D) Chalukya
11. What were the names of Ashoka's mother, wife and daughter?  
(OSSSC RI 2021)  
(A) Mahadevi, Subhadrangi, Sanghmitra  
(B) Subhadrangi, Mahadevi, Sanghmitra  
(C) Mahadevi, Sanghmitra, Subhadrangi  
(D) Subhadrangi, Sanghmitra, Mahadevi

12. Which of the following was famous for naval power in ancient India ?  
(OPRB CBRE Warder- 25th Dec 2022-SL-1)  
(A) Satvahan (B) Chola (C) Chalukyas (D) Maurya
13. Charak was supposed to be the royal court physician of-  
(OSSSC Jr. Clerk 2015)  
(A) Ashoka (B) Harshavardhan  
(C) Chandragupta Maurya (D) Kanislika
14. Fa-Hien visited India during the reign of  
(OPRB CBRE Warder- 24th Dec 2022-SL-3)  
(A) Samudragupta (B) Srivijaya  
(C) Chandragupta II (D) Harshavardhana
15. Kalidas, better known as the Indian Shakespeare, for his Meghadut, Kumarsambhab, Raghuvansha and Abhigyan Shakuntalam lived in?  
(OSSSC Jr. Clerk 2015)  
(A) 2<sup>nd</sup> Century AD (B) 3<sup>rd</sup> Century AD  
(C) 4<sup>th</sup> Century AD (D) None of these
16. Ancient India's great man Chanakya was associated with which Kingdom?  
(OSSSC CRE PEO/JA 2023)  
(A) Chalukya (B) Kushan (C) Chola (D) Mourya
17. Who among the following rulers held a religious assembly at Prayag every five years?  
(OPRB CBRE Warder- 25th Dec 2022-SL-3)  
(A) Ashoka  
(B) Kanishka  
(C) Harshavardhana  
(D) Chandragupta II Vikramaditya
18. During the Sangam age which of the following dynesties was not in power?  
(OPRB CBRE Warder- 27th Dec 2022-SL-3)  
(A) Pandyas (B) Cheras (C) Cholas (D) Pallavas
19. How many mandalas are there in Rigveda?  
(OPRB CBRE Warder- 25th Dec 2022-SL-3)  
(A) 8 (B) 9 (C) 10 (D) 11
20. Upanishads, also known as the Vedantas, are ..... in number.  
(OPRB CBRE Warder- 27th Dec 2022-SL-3)  
(A) 96 (B) 105 (C) 108 (D) 112
21. The Bhakti Movement was first organised by  
(OPRB CBRE Warder- 27th Dec 2022-SL-1)  
(A) Ramanuja (B) Kabir  
(C) Ramanandia (D) Nanak
22. Who among the following was not an exponent of Bhakti movement?  
(OPRB CBRE Warder- 23rd Dec 2022-SL-1)  
(A) Ramananda (B) Kabir  
(C) Shankaracharya (D) Nanak
23. The term 'sufi' is derived from  
(OPRB CBRE Warder- 25th Dec 2022-SL-1)  
(A) a type of poetry (B) a type of garment  
(C) a language (D) the name of a place
24. In which region of India was the Suharawadi order of Sufism popular?

01. Which of the following is/are the types of 'Equality' is mentioned in the Preamble of Indian Constitution?

(OSSSC RI 2021)

1. Social    2. Economic    3. Political  
4. Status    5. Opportunity

Select the correct answer using the code given below :

- (A) 1, 2 and 3 only      (B) 1, 3 and 5 only  
(C) 4 and 5 only      (D) 1, 2, 3 and 4 only

02. In India, the concept of single citizenship is adopted from

(OPRB CBRE Warder- 25th Dec 2022-SL-3)

- (A) England (B) USA (C) France (D) Canada

03. Which part of the Indian constitution deals with Fundamental Rights?

(OPRB CBRE Warder- 27th Dec 2022-SL-1)

- (A) Part I (B) Part II (C) Part III (D) Part IV

04. Which of the following is not a fundamental right according to constitution of India?

(OSSSC RI 2015)

- (A) Right to equality  
(B) Right to particular freedom  
(C) Right against exploitation  
(D) Right to acquire to property

05. Which of the following is not a fundamental right according to constitution of India?

(OSSSC Jr. Clerk 2015)

- (A) Right against exploitation  
(B) Right to freedom of religion

- (C) Right to convert people to other religion  
(D) Right to constitutional remedy

06. Which of the following fundamental rights ensures abolition of untouchability?

(OSSSC Jr. Clerk 2015)

- (A) Right to equality  
(B) Right to particular freedom  
(C) Right against exploitation  
(D) Right to acquire to property

07. The Right to property was abolished as fundamental but made a legal right by-

(OSSSC Jr. Clerk 2015)

- (A) 26<sup>th</sup> amendment of 1971  
(B) 36<sup>th</sup> amendment of 1975  
(C) 31<sup>st</sup> amendment of 1973  
(D) 44<sup>th</sup> amendment of 1978

08. Which of the following Fundamental Rights are available only to citizens and not to foreigners?

- (1) Prohibition of discrimination on grounds of religion, race, caste, sex or place of birth.  
(2) Equality before the law and equal protection of the laws.  
(3) Protection of language, script and culture of minorities.  
(4) Protection against arrest and detention in certain cases.

Select the correct answer using the code given below :

(OSSSC Jr. Assistant 2018)

(A) 1 and 4 only

(B) 1 and 3 only

(C) 2 and 4 only

(D) 1, 2 and 3 only

Select the correct answer using the code given below :

09. Voting age of the Indian citizen was reduced from 21 to 18 by-

(OSSSC Jr. Assistant 2018)

(A) 1 only

(B) 2 and 3 only

(OSSSC Jr. Clerk 2015)

(C) 1 and 2 only

(D) 1, 2 and 3

(A) 53<sup>rd</sup> amendment, 1986

(B) 61<sup>st</sup> amendment, 1989

(C) 55<sup>th</sup> amendment, 1986

(D) 62<sup>nd</sup> amendment, 1989

12. Who is the Supreme Commander of the Armed Forces in India?

(OSSSC CRE 2021)

(A) General of Army

(B) Defence Minister

(C) President

(D) Vice President

10. The President is elected not directly by the people but by members of the electoral college consisting of:

(OSSSC Jr. Assistant 2018)

(1) The elected members of both the Houses of Parliament.

(2) The elected members of the legislative assemblies of the States.

(3) The elected members of the legislative assemblies of Delhi and Puducherry.

Which of the statements given above is/are correct?

(A) 1 only

(B) 1 and 2 only

(C) 2 and 3 only

(D) 1, 2 and 3

11. Which of the following is/are the discretionary powers of the President?

(1) Appointment of the Prime Minister when no political party has a majority in the Lok Sabha.

(2) Exercise of the pocket veto.

(3) Power of promulgating an ordinance.

13. In the absence of the Speaker of Lok Sabha, who among the following presides over a joint sitting of the two Houses?

(OSSSC Jr. Assistant 2018)

(A) Chairman of the Rajya Sabha

(B) Deputy Speaker of the Lok Sabha

(C) Deputy Chairman of the Rajya Sabha

(D) Union Parliamentary Affairs Minister

14. The President of India cannot reject the Bill

(OPRB CBRE Warder- 27th Dec 2022-SL-3)

(A) Money Bill

(B) Finance Bill

(C) Constitutional Amendment Bill

(D) Bills selected to Fundamental Right

15. Who was the second President of the Indian Republic?

(OPRB CBRE Warder- 27th Dec 2022-SL-1)

(A) Dr. Zakir Hussain

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**GENERAL KNOWLEDGE**

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01. The UNO was established on 24<sup>th</sup> October, 1945 with delegates from —  
(OSSSC RI 2015)  
(A) 35 countries (B) 40 countries  
(C) 45 countries (D) 50 countries
02. Which of the following countries is not a member of United Nations (UNO)?  
(OSSSC RI 2021)  
(A) South Africa (B) Palestine  
(C) Israel (D) Cuba
03. Which of the following countries is not a permanent member of the UN Security Council?  
(OSSSC Jr. Clerk 2015)  
(A) China (B) German (C) France (D) Russia
04. The headquarters of IMF and World bank are located at  
(OPRB CBRE Warder- 25th Dec 2022-SL-3)  
(A) Geneva and Montreal  
(B) Geneva and Vienna  
(C) New York and Geneva  
(D) Both Washington DC
05. Which of the following is the headquarters of World Trade Organization (WTO)?  
(OSSSC RI 2021)  
(A) Paris (B) New York (C) Geneva (D) Madrid
06. In acronym SAARC, what does 'C' stand for?  
(OSSSC RI 2021)  
(A) Committee (B) Common Wealth  
(C) Conference (D) Cooperation
07. "Suva" is the capital of which of the following countries?  
(OSSSC Jr. Clerk 2015)  
(A) South Africa (B) Fiji  
(C) Canada (D) West Indies
08. Which is the currency of Philippines?  
(A) Peso (B) Ngultrum (C) Rufiyaa (D) Franc
09. What is the name of the currency used in South Korea?  
(OSSSC RI 2015)  
(A) Euro (B) Krone (C) Dinar (D) Won
10. World Statistics Day is being observed on which date?  
(OPRB CBRE Warder- 27th Dec 2022-SL-1)  
(A) October 22 (B) October 19  
(C) October 20 (D) October 21
11. The World Mental Health day is celebrated on which date?  
(OPRB CBRE Warder- 24th Dec 2022-SL-3)  
(A) October 11 (B) October 09  
(C) October 10 (D) October 08
12. When is World Cotton Day celebrated?  
(OPRB CBRE Warder- 23rd Dec 2022-SL-1)  
(A) October 09 (B) October 10  
(C) October 07 (D) October 08
13. When is the International Women's Day observed?  
(OSSSC Jr. Clerk 2015)  
(A) March 8 (B) February 14  
(C) May 10 (D) October 2

14. United Nations (UNO) celebrates 'International Day of Yoga' globally on which date?  
(OSSSC RI 2021)  
(A) March 08 (B) May 08  
(C) June 05 (D) June 21
15. "NRI" Day is observed on which of the following days?  
(OSSSC RI 2015)  
(A) 7<sup>th</sup> January (B) 8<sup>th</sup> January  
(C) 9<sup>th</sup> January (D) 10<sup>th</sup> January
16. 'National Voter's Day' is celebrated on which date?  
(OSSSC LIVESTOCK 2021)  
(A) 15<sup>th</sup> January (B) 25<sup>th</sup> January  
(C) 15<sup>th</sup> February (D) 25<sup>th</sup> February
17. National Pension System (NPS) Diwas is being celebrated on which date?  
(OPRB CBRE Warder- 24th Dec 2022-SL-3)  
(A) October 01 (B) November 01  
(C) October 05 (D) October 06
18. 1<sup>st</sup> May is celebrated in India as what day?  
(OSSSC CRE PEO/JA 2023)  
(A) Republic Day (B) Martyr Day  
(C) Labour Day (D) Utkal Dibas
19. National Youth Day is celebrated in whose memory?  
(OSSSC VAW/HEW 2016)  
(A) Jawaharlal Nehru (B) Swami Vivekananda  
(C) Subhas Chandra Bose (D) None of these
20. In the first week of which month is 'Vana Mahotsav' observed every year?  
(OPRB CBRE Warder- 23rd Dec 2022-SL-1)  
(A) June (B) July (C) August (D) September
21. Who wrote, "Politicians are the same all over. They promise to build a bridge even when there's no river"?  
(OSSSC RI 2015)  
(A) Maxim Gorky (B) Nikita Khrushchev  
(C) Sobha Dey (D) Khuswant Singh
22. Who wrote, "Every man is a moon, and has a dark side which he never shows to anybody"?  
(OSSSC Jr. Clerk 2015)  
(A) Gopinath Mohanty (B) Arundhati Ray  
(C) William Shakespeare (D) Mark Twain
23. Who wrote, "After climbing a great hill, one only finds that there are many more hills to climb"?  
(OSSSC Jr. Clerk 2015)  
(A) Edmund Hillary (B) Nelson Mandela  
(C) Sherpa Tenzing (D) Mahatma Gandhi
24. Who wrote, "Whatever you do will be insignificant, but it is very important that you do it"?  
(OSSSC Jr. Clerk 2015)  
(A) Sardar Vallabhbhai Patel (B) Bhagat Singh  
(C) Mahatma Gandhi (D) Indira Gandhi
25. Who is the author of the book titled "A Confused Mind story"?  
(OPRB CBRE Warder- 24th Dec 2022-SL-3)  
(A) Lu Kuniya (B) Vikram Jeet Singh  
(C) Roshini Dutta (D) Sahil Seth

**SOLUTION**

- |   |               |   |
|---|---------------|---|
| 32. Book  | Author        |   |
| Birds and Beasts  | Ruskin Bond   |   |
| Borken Wings  | Kahlil Gibran |   |
| 33. 5 <sup>th</sup> Column  | Andrew Gross  |   |
| The Guide   | R. K. Narayan |   |
| 34. Coolie is a novel by Mulk Raj Anand first published in 1936.  |               |   |
| 53. Sports  | Term          |   |
| Knockout, Punch, Upper cut  | Boxing        |   |
| 54. The Durand Cup is actually associated with football (soccer), not table tennis.   |               |   |
| 57. Valena Valentina is an Indian Karate player from Bhubaneswar, Odisha.   |               |   |
| 61. India won its first gold medal in hockey at the Olympic Games before Independence in 1928. The Games were held in Amsterdam.  |               |   |
| 63. Mother Teresa was born in Skopje, Macedonia, and died in Calcutta. She was an Albanian Roman Catholic nun who started the Missionaries of Charity and won the Nobel Peace Prize in 1979 for her work with people. |               |   |
| 66. In 2019, the Bharat Ratna, India's highest civilian award, was conferred upon three individuals:  |               |   |
| 1. Nanaji Deshmukh, a social activist and politician.   |               |   |
| 2. Bhupen Hazarika, a legendary Indian musician, singer, and poet posthumously.   |               |   |
| 3. Pranab Mukherjee, former President of India.   |               |   |
| 67. The Lalit Kala Akademi is India's national academy of fine arts established in New Delhi  |               |   |
|   |               | in 1954 by Government of India to promote and propagate understanding of Indian art, in and outside the country.  |
|   |               | 76. Amrita Pritam was an Indian novelist, essayist and poet, who wrote in Punjabi and Hindi.  |
|   |               | 77. Begam Akhtar was a renowned Indian singer and actress.  |
|   |               | 79. Kalpana Chawla was born in Karnal, Haryana, India. Kalpana Chawla was an American astronaut.  |
|   |               | 98. Desert Development Programme & Drought Prone Area Programme:- Ministry of Rural Development<br>National Watershed Development Project for Rural Area :- Ministry of Agriculture   |
|   |               | 99. The National Sugar Institute was founded in 1936. It's in Kanpur, Uttar Pradesh.  |
|   |               | 100. Kathputli : Rajasthan.<br>Pavakoothu : Kerala.   |
|   |               | 101. Bartolomeu Dias was a Portuguese mariner who discovered the Cape of Good Hope, the maritime route to Africa. He was the first European navigator who discovered the Cape of Good Hope in 1488.<br>Galileo Galilei, the Italian scientist, did not discover the entire solar system. While he made significant contributions to the field of astronomy, including observations of the moons of Jupiter and the Venus. |
|   |               | 102. Dynamite was invented by Alfred Nobel, a Swedish chemist, in 1867. Henry Dunant was a Swiss humanitarian and the founder of the International Committee of the Red Cross in 1859.  |

01. Which of the following is not the ancient name of Odisha?  
(A) Kalinga (B) Utkal  
(C) Odra Desha (D) Koshal
02. Which of the following statements about Jagannath Temple in Puri is incorrect?  
(OSSSC Jr. Clerk 2015)  
(A) It was built by King Prataprudradev.  
(B) It was built in 1115 AD.  
(C) Its height is 214.8 feet.  
(D) It is also called White Pagoda.
03. The world famous Navakalevar of the deities in Lord Jagannath Temple of Puri takes place in which year?  
(OSSSC CRE 2021)  
(A) Two consecutive odia month of Kartika  
(B) Two consecutive odia month of Bhadraba  
(C) Two consecutive odia month of Aswina  
(D) Two consecutive odia month of Ashadha
04. The temple of Lord Nilamadhav built in replica of the Jagannath Temple is located in-  
(OSSSC RI 2015)  
(A) Koraput (B) Nayagarh  
(C) Keonjhar (D) Kantilo
05. The Sun Temple at Konark is known as?  
(A) Peace Pagoda (B) Black Pagoda  
(C) White Pagoda (D) Golden Pagoda
06. Which of the following is not a correct statement on the Sun Temple at Konark?  
(OSSSC Jail Warder 2017)  
(A) It took 12years to complete.  
(B) 1200 artists were engaged to finish it.  
(C) Rupees 40 crores was spent on its construction.  
(D) Anangabhimadev-III built it in memory of his victory of Bengal.
07. The Sun Temple of Odisha has been built in the shape of a giant chariot pulled by-  
(OSSSC RI 2015)  
(A) 9 horses and 8 pairs of wheel  
(B) 7 horses and 11 pairs of wheel  
(C) 8 horses and 10 pairs of wheel  
(D) 7 horses and 12 pairs of wheel
08. Which of the following categories of the images of Lord Ganesh is/are found in the temple of Odisha ?  
(OSSSC CRE 2021)  
(A) Asina Ganesh (B) Sthanaka Ganesh  
(C) Nrutya Ganesh (D) All of the above
09. Which of the following places is known as 'Birajakshetra'?  
(OSSSC CRE 2021)  
(A) Jagatsinghpur (B) Jajpur  
(C) Cuttack (D) Bhadrak



10. Which of the following hills in Odisha is not a Buddhist site ?  
(OSSSC Jr. Assistant 2018)
- (A) Dhauligiri (B) Khandagiri  
(C) Lalitagiri (D) Ratnagiri
11. Which of the following places is a Buddhist site?  
(OSSSC VAW/HEW 2016)
- (A) Khandagiri (B) Udaygiri  
(C) Lalitgiri (D) None of these
12. Khandagiri and Udayagiri caves of Bhubaneswar are associated with which religion?  
(OSSSC CRE PEO/JA 2023)
- (A) Hinduism (B) Islam  
(C) Jainism (D) Buddhism
13. Who of the following wrote the prayer “AheDyamayaBiswa Bihari”?  
(OSSSC RI 2015)
- (A) Madhusudan Rao (B) Madhusudan Dash  
(C) GouriShanakar Ray (D) Ramakrushna Nanda
14. Who is the poet of famous song “BandeUtkalJanani”?  
(OSSSC Jr. Clerk 2015)
- (A) Fakir Mohan Senapati  
(B) Laxmi Kanta Mohapatra  
(C) Radhakanta Ray  
(D) Gopabandhu Dash
15. Who was the founder of SatyabadiBanaVidyalaya in Odisha?  
(OSSSC LIVESTOCK 2021)
- (A) Madhusudan Das  
(B) Madhusudan Rao  
(C) Subhash Chandra Bose  
(D) Gopabandhu Dash
16. In which year the first Oriya Magazine “JNANARUNA” was published :  
(OPRB CBRE Warder- 25th Dec 2022-SL-2)
- (A) 1822 (B) 1836 (C) 1842 (D) 1849
17. Who was the Editor of UtkalDipika published in 1866 :  
(OPRB CBRE Warder- 25th Dec 2022-SL-3)
- (A) Fakir Mohan Senapati  
(B) Baikunth Nath De  
(C) Gouri Shankar Roy  
(D) NilamaniVidyaratna
18. Which one is the first daily newspaper of Odisha :  
(OPRB CBRE Warder- 25th Dec 2022-SL-3)
- (A) BodhaDayini (B) UtkalDeepika  
(C) Dainika Asha (D) KujibarPatra
19. The first Oriya Magazine ‘BodhaDayini’ was published from :  
(OPRB CBRE Warder- 25th Dec 2022-SL-1)
- (A) Bhubaneswar (B) Cuttack  
(C) Balasore (D) Puri
20. Which of the following is not a literary creation of GangadharMeher?  
(OSSSC RI 2015)
- (A) Pranayaballari (B) Chilika  
(C) Tapaswini (D) Indumati

29. C      30. A      31. A      32. B  
 33. C      34. A      35. B      36. B  
 37. A      38. B      39. D      40. A  
 41. C      42. B      43. D      44. A  
 45. B      46. C      47. B      48. A  
 49. B      50. B      51. A      52. C  
 53. C      54. B      55. C      56. D  
 57. C      58. C      59. D      60. A  
 61. C      62. B      63. B      64. D  
 65. A      66. A      67. D      68. A  
 69. D      70. A      71. A      72. D  
 73. D      74. B      75. B      76. A  
 77. B      78. C      79. B      80. A  
 81. B      82. A      83. D      84. D  
 85. C      86. C      87. A      88. C  
 89. C      90. B      91. D      92. B  
 93. A      94. B      95. C      96. C  
 97. B      98. B      99. D      100. C  
 101. D

**SOLUTION**

02. Jagannath temple in Puri was built by King Anantavarman Chodaganga.  
 06. Konark Temple was built in the 13<sup>th</sup> century and was built by King Narasimhadeva I.  
 20. Chilika' is one of the greatest literary creation works of the poet Radhanath Ray.  
 21. Chandrakala is written by Kabi Surya Baladev Rath.

32. Uday Shankar was an Indian dancer and choreographer, best known for creating a fusion style of dance, adapting European theatrical techniques to Indian classical dance.  
 33. Ranji Trophy was started in 1934. Odisha first participated in the Ranji Trophy cricket tournament in the 1949-1950 season.  
 41. The name change was announced by Chief Minister Naveen Patnaik in 2019.  
 42. The third Chief Minister of Odisha was Biju Patnaik. He served as the Chief Minister from 23<sup>rd</sup> June 1961 to 02 Oct. 1963.  
 45. Ranganath Mishra was the 21st Chief Justice of India, serving from 25 September 1990 to 24 November 1991.  
 Gopal Ballav Pattnaik was the 32nd Chief Justice of India, serving from 09 Nov. 1995 to 08 Nov. 2002.  
 54. The Panchapatmali hills in Koraput district, Odisha is famous for mining of Bauxite.  
 57. The highest mountain peak in Odisha is Deomali. It is located in the Koraput district of southern Odisha and stands at an elevation of approximately 1,672 meters (5,486 feet) above sea level. Deomali is a part of the Eastern Ghats mountain range.  
 60. The Mandira Dam is built on the Sankh River in the Sundergarh district of Odisha, India.  
 61. Brahmani originates as two major rivers like the Sankh and the Koel from the Chhotanagpur Plateau and both join at Veda Vyasa near Rourkela of Sundargarh district of Odisha forming the major River Brahmani.

68. The Rengali Dam is constructed across the Brahmani River in Rengali village of Angul district, Odisha.
70. The largest sweet water lake in Odisha is Ansupa Lake situated in Cuttack district.
78. Odisha shares its border with four states in India. These states are West Bengal, Jharkhand, Chhattisgarh, and Andhra Pradesh.
84. The British formally annexed Odisha to their territory in 1803, during the Second Anglo-Maratha War. Lord Wellesley, who served as Governor-General of India from 1798 to 1802, played a key role in this expansion of British control.
96. Pathani Samanta actual name Maha Mahopadhyaya Chandrasekhara Singha Harichandana Mahapatra Samanta.
101. The literacy rate is the highest in Khurda district.



01. Windows displays various options to shut down. Which is suitable at the end of day?  
(A) Shut Down (B) Sleep  
(C) Hibernate (D) Restart  
(OSSSC CRE 2021)
02. The key will launch the Start button.  
A) Esc B) Shift C) Windows D) Shortcut  
(OSSSC Jr. Stenographer 2015 & OSSSC SFS 2016)
03. What is the shortcut key for Refresh?  
(A) F2 (B) F3 (C) F5 (D) F4  
(OSSSC CRE 2021)
04. Which Key is used to rename a file in Windows Operating System ?  
A) F1 B) F5 C) F2 D) None of these  
(OSSSC Jr. Asst. 2018)
05. Ctrl, Shift and Alt are called \_\_\_\_\_ keys.  
(A) adjustment (B) function  
(C) modifier (D) alphanumeric  
(OSSSC Junior Stenographer 2015)
06. Which short cut command is used to insert the current date?  
A) Alt + Shift+ d B) Alt +d  
C) Ctrl +d D) Ctrl +;  
(OSSSC RI & Amin 2015 & ICDS Supervisor 2016)
07. Match the key board shortcuts with command and find the correct combination.  
a) Ctrl + C i) Save  
b) Ctrl + B ii) Cut  
c) Ctrl + X iii) Bold  
d) Ctrl + S iv) Copy  
A) a-ii, b-iii, c-iv, d-i B) a-iv, b-iii, c-i, d-ii  
(OSSSC Jr. Clerk 2017, OSSSC RI & Amin 2015 & OSSSC Jr. Asst. 2018)
08. Match the keyboard shortcut with command  
(a) Ctrl + A (i) Print  
(b) Ctrl + P (ii) Paste  
(c) Ctrl + V (iii) Select All  
(d) Ctrl +Z (iv) Undo  
A) a-i, b-ii, c-iii, d- iv B) a-iii, b-, i, c-ii d, - iv  
C) a-iv, b-iii, c - i, d – ii D) a-i, b-iii, c - iv, d, - ii  
(OSSSC Jr. Clerk 2017, OSSSC Junior Clerk 2015, OSSSC ICDS Supervisor 2016 & OSSSC RI 2021)
09. If you click on the Undo button-  
(A) it will remove the old text and restore the new text back to your document.  
(B) it will remove the new text and restore the original text back to your document.  
(C) it will include the new text and remove the original text in your document.  
(D) it will remove everything from the file.  
(OSSSC RI & Amin 2015 & OSSSC Jr. Clerk 2017)
10. Ctrl +Y is the short cut key for MS :  
A) Undo the last action  
B) Paste the selected text  
C) Cut the selected text  
D) Redo the last action  
(OSSSC Jr. Asst. 2018)
11. “Ctrl + Right Arrow” is used to-  
A) move the cursor one word to the right.  
B) move the cursor to the end of the line.  
C) move the cursor to the end of the document.  
D) move the cursor one Paragraph down.  
(OSSSC Jr. Clerk 2017)

12. What is the shortcut key you can press to create a copyright symbol?  
A) Alt +Ctrl +C                      B) Alt +C  
C) Ctrl +C                              D) Ctrl +Shift +C  
(OSSSC Jr. Clerk 2017)
13. What is the shortcut key to “Subscript” the selected text?  
A) Ctrl + =                              B) Ctrl + —  
C) Ctrl + Shift + =                      D) Ctrl + Shift + —  
(OSSSC ICDS Supervisor 2016 & OSSSC SFS 2016)
14. By default, the Cell content alignment is-  
A) Left aligned  
B) Text left aligned and numbers right  
C) Text right aligned and numbers left  
D) Centrally aligned  
(OSSSC Jr. Clerk 2015, RI, Amin 2015 & SFS 2016)
15. What is the shortcut key to “Centre Align” the selected text?  
A) Ctrl + C                      B) Ctrl + E  
C) Ctrl + F                      D) None of above  
(OSSSC RI & Amin 2015 & OSSSC ICDS Supervisor 2016)
16. What is the short cut key to open Font dialog box?  
A) Ctrl + F                              B) Alt + Ctrl + F  
C) Ctrl + D                              D) Ctrl + Shift + D  
(OSSSC Junior Clerk 2015)
17. Which of the following keyboard shortcuts when pressed, will open the ‘Apply Styles’ task pane?  
A. Ctrl + S                              B. Shift + S  
C. Ctrl + Shift + S                      D. Alt + S  
(OPRB CBRE Warder- 26th Dec 2022-SL-1A)
18. What is the shortcut key for “Find and Replace” dialog box?
19. Press which key to select different portions of any text by dragging the mouse?  
A) Alt                      B) Ctrl                      C) Shift                      D) F12  
(OSSSC SFS 2016)
20. How can you select the text without using the Mouse?  
A) It is not possible  
B) Use the F7 key  
C) Use the arrow keys while holding down a Ctrl key  
D) Use the arrow keys while holding down a Shift key  
(OSSSC Jr. Clerk 2017)
21. What is the shortcut key to edit the selected cell?  
A) F3                      B) F8                      C) F4                      D) F2  
(OSSSC Junior Clerk 2015)
22. What is the shortcut key for Spelling Check in document?  
A) F7                      B) Shift + F7                      C) Ctrl + F7                      D) Alt + F7  
(OSSSC Junior Clerk 2015)
23. To move the beginning of a line of text, press the \_\_\_\_\_ key.  
(A) page down (B) page up (C) enter (D) home  
(OSSSC Junior Stenographer 2015)
24. When the user places the mouse pointer on any of the buttons and not click them, after few seconds a text appears at the bottom of the pointer. It is called-  
A) Tool Tip Text                              B) Micro Tips  
C) Help Tips                                      D) Click tips  
(OSSSC Junior Clerk 2015 & OSSSC RI & Amin 2015)
25. Protection and the Protect Sheet options can be selected from-

- A) Data      B) Tools      C) Edit      D) Format

(OSSSC Junior Clerk 2015)

26. What word is used to describe the act of rectifying some text?

- (A) Erase (B) Correcting (C) Edit (D) Whiteout

(OSSSC RI & Amin 2015)

27. Read the following statements and answer which of these is/are correct using the codes given below.

i. The 'Save As' dialog box is used to open a saved Excel file.

ii. The 'Save As' dialog box is used for saving the file for the first time.

iii. The 'Save As' dialog box is used for saving the file by some alternative name.

- A) only i correct                      B) i & ii are correct  
C) ii & iii are correct                D) None of these

(OSSSC Jr. Clerk 2017)

28. Word's Count feature-

A) provides information about the number of words in the document

B) is useful when the length of the document is limited to some number of words

C) displays the number of pages, characters, paragraphs and lines in the document

D) all the above

(OSSSC Jr. Clerk 2015 & OSSSC SFS 2016)

29. What option is used to use a paragraph at another place after removing it completely from first place?

- (A) Rotate (B) Cut-Paste (C) Delete (D) Move

(OSSSC Jr. Clerk 2015 & RI & Amin 2015)

30. To select full Paragraph-

(A) position the arrow pointer in the selection bar adjacent to the line and click the left mouse button once.

(B) position the arrow pointer in the selection bar adjacent to the line and click on the left mouse button twice.

(C) position the arrow pointer in the selection bar adjacent to the line and click the right mouse button once.

(D) position the arrow pointer in the selection bar adjacent to the line and click the right mouse button twice

(OSSSC RI & Amin 2015)

31. To select a line, you have to-

A) position the arrow pointer on the left margin adjacent to the line and click the left mouse button once.

B) position the arrow pointer in the selection bar adjacent to the line and click the mouse button twice.

C) position the arrow pointer in the selection bar adjacent to the line and click the left mouse button thrice.

D) Any of the above

(OSSSC Junior Clerk 2015)

32. Line Numbers command is used to \_\_\_\_\_.

A. Add line numbers in the workspace at the bottom of each paragraph in the document

B. Add line numbers in the margin alongside of each line of the document

C. Show the number of paragraphs in the document

D. Show the line number where cursor is currently positioned

(OPRB CBRE Warder- 25th Dec 2022-SL-3B)

33. Priyanka wants to match the width of the document with width of the window. Which of the following options available in view tab will allow her to do so ?

A. Arrange Width                      B. Match Width

C. Zoom page                          D. Page Width

(OPRB CBRE Warder- 24th Dec 2022-SL-1B)

34. To enable synchronous scrolling of two documents, you should first enable \_\_\_\_\_ feature.
- A. View Side by Side    B. Split Windows  
C. Reset Windows        D. Arrange All Windows

(OPRB CBRE Warder- 25th Dec 2022-SL-2A)

35. What does a ruler shows?
- A. Page width  
B. Position of tabs, columns, etc.  
C. Length of the document  
D. All of these

(OPRB CBRE Warder- 26th Dec 2022-SL-1A)

36. The new selected Font applies to-
- A) full document  
B) all the text above the current cursor position  
C) the selected text  
D) only to headings

(OSSSC Jr. Clerk 2015 & ICDS Supervisor 2016)

37. Using Thesaurus-
- A) helps you to add precision and variety to your writing.  
B) just like a printed thesaurus, the Microsoft Word Thesaurus provides synonyms and at times antonyms.  
C) provides list of related words and different forms of the selected word.  
D) All the above

(OSSSC Junior Clerk 2015)

38. Which of the following statement is incorrect?
- A) Headers are printed on the top of margins and footers are printed at the bottom of the margins.  
B) Headers and footers normally carry information like page number, author name, dates, company names etc.

C) No Headers and Footers are required in a single page document.

D) Word will not allow to have Header and Footer in a single page document.

(OSSSC Junior Clerk 2015)

39. The 'headers' and 'footers' are used in a document to-
- A) enhance the overall appearance of the document.  
B) mark the starting and ending of a page.  
C) make large documents more readable.  
D) page numbers automatically appear on the document when it is printed.

(OSSSC ICDS Supervisor 2016)

40. Which of the following statements about Footer is correct?

(A) All pages in a document need to have same footer.

(B) Different sections can have different footers.

(C) There are only two types of footers, one for even page and one for odd page.

(D) Can't say.

41. What is the purpose of headers and footers used in document :

(A) To mark the starting and ending of a page

(B) To allow page headers and footers to appear on document when it is printed.

(C) To enhance the overall appearance of the document

(D) All of the above

(OSSSC RI 2021)

42. If you need to edit "Header" or "Footer" of a document which menu/tab should you access in MS Office word 2007 and onwards?

A) Insert    B) Edit    C) View    D) Tools

(OSSSC Jr. Clerk 2017)

## MS OFFICE

240. Match the appropriate application software with their respective functions and find out the correct combination.

- |                           |                            |
|---------------------------|----------------------------|
| a) MS-Word                | i) Database Management     |
| b) MS-Access              | ii) Word Processing        |
| c) Power Point            | iii) Spreadsheet           |
| d) Excel                  | iv) Presentation of slides |
| A) a-iv, b-iii, c-ii, d-i | B) a-iii, b-ii, c-iv, d-i  |
| C) a-ii, b-iv, c-i, d-iii | D) a-ii, b-i, c-iv, d-iii  |

(OSSSC Jr. Clerk 2017)

241. Match the following:

- |  |            |
|--|------------|
| a) File extension for Power point file | i) .doc    |
| b) File extension for Word file        | ii) .xlsx  |
| c) File extension for Excel file       | iii) .pptx |

- |                                 |                           |
|---------------------------------|---------------------------|
| d) File extension for Text file | iv) .txt                  |
| A) a-iii, b - i, c-ii, d-iv     | B) a-i, b-ii, c-iii, d-iv |
| C) a-ii, b-i, c-iii, d-iv       | D) a-iv, b-ii, c-i, d-iii |

(OSSSC Jr. Asst. 2018)

242. Legends are used in-

- |                 |                    |
|-----------------|--------------------|
| A) Chart Wizard | B) Function Wizard |
| C) Auto Sum     | D) Validation      |

(OSSSC Junior Clerk 2015)

243. The applications that combine text, sound, graphics, motion video and/or animation are called-

- |                |                |
|----------------|----------------|
| A) multimedia  | B) videoscapes |
| C) motion ware | D) anigraphics |

(OSSSC ICDS Supervisor 2016)

### ANSWER KEY

01. A   02. C   03. C   04. C   05. C   06. A   07. D   08. B   09. B   10. D   11. A   12. A   13. A   14. B  
 15. B   16. C   17. C   18. C   19. B   20. D   21. D   22. D   23. D   24. A   25. D   26. B   27. C   28. D  
 29. B   30. B   31. A   32. B   33. D   34. A   35. D   36. C   37. D   38. D   39. D   40. B   41. B   42. A  
 43. C   44. C   45. B   46. B   47. C   48. B   49. D   50. D   51. D   52. D   53. C   54. D   55. D   56. B  
 57. B   58. C   59. A   60. D   61. B   62. C   63. C   64. A   65. B   66. C   67. D   68. D   69. D   70. A  
 71. B   72. D   73. A   74. A   75. C   76. D   77. C   78. B   79. C   80. D   81. C   82. B   83. B   84. C  
 85. A   86. D   87. B   88. B   89. C   90. A   91. B   92. B   93. B   94. C   95. B   96. B   97. A   98. A  
 99. D   100. B   101. A   102. C   103. B   104. A   105. B   106. D   107. D   108. C   109. D   110. D   111. A   112. A  
 113. B   114. A   115. C   116. A   117. A   118. A   119. A   120. C   121. B   122. B   123. B   124. D   125. D   126. B  
 127. B   128. B   129. A   130. D   131. A   132. B   133. A   134. D   135. D   136. A   137. C   138. B   139. A   140. C  
 141. A   142. D   143. C   144. C   145. A   146. C   147. B   148. B   149. C   150. C   151. D   152. C   153. B   154. A  
 155. A   156. C   157. C   158. B   159. C   160. C   161. B   162. D   163. A   164. B   165. B   166. B   167. C   168. C  
 169. D   170. A   171. D   172. C   173. D   174. C   175. B   176. A   177. B   178. C   179. B   180. B   181. B   182. B  
 183. C   184. C   185. C   186. A   187. A   188. D   189. D   190. B   191. B   192. B   193. A   194. B   195. D   196. D  
 197. D   198. A   199. C   200. C   201. B   202. D   203. B   204. A   205. B   206. B   207. B   208. B   209. D   210. C  
 211. C   212. B   213. D   214. B   215. C   216. A   217. C   218. C   219. D   220. B   221. C   222. A   223. A   224. B  
 225. C   226. A   227. D   228. B   229. D   230. B   231. C   232. B   233. D   234. A   235. A   236. D   237. C   238. A  
 239. C   240. D   241. A   242. A   243. A



01. ICT stands for  
(A) Information and Computer Technology  
(B) Information and Connection Technology  
(C) Information and Communication Technology  
(D) Information and Call Technology  
(OPRB CBRE Warder 2022)  
(OSSSC PEO & JA)
02. RAM stands for  
(A) Random Access Memory  
(B) Read Access Memory  
(C) Random Assigned Memory  
(D) Read only Memory  
(OSSSC PEO & JA)
03. LCD stands for  
(A) Liquid Crystal Display  
(B) Laser Crystal Display  
(C) Light Crystal Display  
(D) Lithium Crystal Display  
(OSSSC PEO & JA)
04. ALU is  
(A) Array Logic Unit  
(B) Arithmetic Logic Unit  
(C) Application Logic Unit  
(D) None of these  
(OPRB CBRE Warder 2022)
05. WAN stands for-  
(A) Wired Area Network (B) Wide Area Network  
(C) Wide Array Net (D) Wireless Area Network  
(OSSSC Jr. Clerk 2015, OSSSC CRE 2021 & OPRB CBRE Warder 2022)
06. The full form of TCP/IP is \_\_\_\_\_.  
(A) Transformation Communication /Internet Program
- (B) Translator Control/ Internet Control  
(C) Transmission Control Protocol/Internet Protocol  
(D) Transport Control Program/ Internet Protocol  
(OPRB CBRE Warder 2022)
07. VIRUS stands for-  
(A) Virtual Important Resource Under Search  
(B) Vital Information Resource Under Seize  
(C) Verify Interchange Result Until Source  
(D) Very Important Record User Searched  
(OSSSC Jr. Clerk 2017 & OSSSC CRE 2021)
08. The word FTP stands for:  
(A) File Transit Protocol  
(B) File Translate Protocol  
(C) File Transfer Protocol  
(D) File Typing Protocol  
(OSSSC Jr. Clerk 2015 & OSSSC Jr. Asst. 2018)
09. Abbreviation www in www.yahoo.com, stands for?  
(A) World word in Wonder  
(B) World Wide Web  
(C) World Processing Software  
(D) Wonderful World Web  
(OSSSC Junior Clerk 2015 & OSSSC RI 2021)
10. Modem stands for:  
(A) A type of Secondary memory  
(B) Main frame operating device memory  
(C) Modulator demodulator  
(D) None of these  
(OSSSC Jr. Stenographer 2015)
11. URL stands for-  
(A) Universal Research List  
(B) Universal Resource List

(C) Uniform Resource Locator

(D) Uniform Research Locator

(OSSSC RI & Amin 2015)

12. What is the full form of e-mail?

(A) Electric Mail (B) Electromagnetic Mail

(C) Electronic Mail (D) None of these

(OSSSC CRE 2021)

13. VGA means-

(A) Video Graphics Array

(B) Visual Graphics Array

(C) Volatile Graphics Array

(D) Video Graphics Adapter

(OSSSC Jr. Clerk 2015)

14. GUI stands for-

(A) Gnutella universal Interface

(B) Graphical User Interface

(C) Graphic Uninstall/Install

(D) General Utility Interface

(OSSSC ICDS Supervisor 2016)

15. MICR stands for

(A) Magnetic Ink Character Recognition

(B) Magnetic Ink Computer Record

(C) Magnetic Industries Corporation Region

(D) Microphone Recording

(OSSSC Jr. Clerk 2015)

16. EBCDIC stands for-

(A) Extended Binary Coded Decimal Interchange Code

(B) Extended Bit Code Decimal Interchange Code

(C) Extended Bit Case Decimal Interchange Code

(D) Extended Binary Case Decimal Interchange Code

(OSSSC RI & Amin 2015)

17. PDF stands for:

(A) Plain Document Format

(B) Portable Document Format

(C) Portable Data Format

(D) None of the above

(OSSSC ICDS Supervisor 2016)

18. WYSIWYG stands for –

(A) What you see is what you get

(B) What you smell is what you get

(C) Where you suspect is where you go

(D) None of these

(OSSSC Jr. Clerk 2017)

19. What does UPS stand for

(A) Unusual Power Supply

(B) Usual Power Supply

(C) Uninterrupted Power Supply

(D) Unhindered Power Supply

(Odisha Fireman 2023)

20. What does CPU stand for

A) Central Propulsion Unit

B) Central Periphery Unit

C) Central Processing Unit

D) Central Propagating Unit

(Odisha Fireman 2023)

21. Full form of HTTP

A) Hyper Text Transfer Protocol

B) High Transit Text Protocol

C) Hyper Text Transaction Protocol

D) Hydro Tower Text Protocol

(Odisha Fireman 2023)

219. Which of these programs will you choose to write a letter to the head of an institution ?  
(A) Notepad (B) Word Processor  
(C) Spreadsheet (D) Graphic Processor  
(OSSSC CRE 2021)
220. Which platform can you use for online meeting ?  
(A) Zoom (B) Google Meet  
(C) Microsoft Teams (D) All of the above  
(OSSSC CRE 2021)
221. Which of the following is considered as ICT device?  
A. Smart TV B. Tablet  
C. FM Radio D. Multi Meter
222. The following are all computing devices except \_\_\_\_  
(A) Notebook Computers (B) Mobile Phones  
(C) Digital Scanners (D) Laptops
223. What is called the starting up on operating system?  
(A) Entering (B) Formatting  
(C) Starting (D) Booting  
(OSSSC CRE 2021)

### **ANSWER KEY**

01. C 02. A 03. A 04. B 05. B 06. C 07. B 08. C 09. B 10. C 11. C 12. C 13. A 14. B  
15. A 16. A 17. B 18. A 19. C 20. C 21. A 22. A 23. C 24. C 25. A 26. D 27. C 28. A  
29. B 30. B 31. C 32. C 33. B 34. A 35. D 36. B 37. A 38. D 39. C 40. B 41. B 42. D  
43. A 44. D 45. B 46. D 47. B 48. C 49. D 50. B 51. D 52. B 53. C 54. C 55. A 56. B  
57. B 58. C 59. B 60. D 61. B 62. A 63. D 64. D 65. C 66. D 67. D 68. A 69. B 70. B  
71. D 72. B 73. A 74. A 75. C 76. A 77. C 78. D 79. D 80. B 81. B 82. A 83. B 84. C  
85. B 86. A 87. B 88. B 89. C 90. C 91. C 92. C 93. A 94. D 95. D 96. D 97. C 98. C  
99. C 100. B 101. A 102. B 103. A 104. C 105. D 106. D 107. C 108. A 109. B 110. B 111. D 112. \*  
113. A 114. B 115. D 116. B 117. B 118. D 119. C 120. B 121. D 122. A 123. A 124. C 125. B 126. A  
127. C 128. C 129. A 130. A 131. A 132. D 133. A 134. A 135. D 136. B 137. C 138. A 139. A 140. A  
141. A 142. A 143. D 144. A 145. A 146. B 147. D 148. C 149. A 150. D 151. D 152. A 153. C 154. D  
155. B 156. D 157. D 158. D 159. A 160. A 161. A 162. A 163. C 164. B 165. D 166. D 167. B 168. D  
169. A 170. B 171. A 172. B 173. C 174. D 175. C 176. A 177. C 178. A 179. D 180. A 181. D 182. B  
183. B 184. B\* 185. C 186. D 187. C 188. C 189. A 190. B 191. D 192. D 193. B 194. D 195. D 196. A  
197. B 198. C 199. A 200. C 201. D 202. D 203. C 204. B 205. C 206. A 207. B 208. B 209. B 210. A  
211. D 212. C 213. B 214. B 215. B 216. C 217. A 218. A 219. B 220. D 221. \* 222. C 223. D

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**MATHEMATICS**

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01. In roman notation, 593 can be written as

- (A) DXCIII                      (B) DCIIIIX  
(C) DCXIII                      (D) DCXIVX

(OPRB CBRE Jail Warder 2022)

02. What is the sum of the positional and the actual values of 8 in 43836?

- (A) 88      (B) 808      (C) 880      (D) 888

(OSSSC Jr. Clerk 2015)

03. What is the difference between the positional values of 6 in the number 964362?

- (A) 59940                      (B) 5994400  
(C) 5994                      (D) None of these

(OSSSC RI & Amin 2015)

04. Find out the difference between the place values of the two fours in the numeral 7484326.

- (A) 396000                      (B) 398000  
(C) 3960000                      (D) 39600000

(OSSSC SFS 2016)

05. The sum of the digits of a two digit number is 12. If the digits are reversed, the number is decreased by 18. Find out the number.

- (A) 75      (B) 93      (C) 84      (D) 57

(OSSSC Jail warder 2017)

06. A number consists of two digits. If the digits interchange places add the new number, then resulting number will be divisible by

- (A) 3      (B) 5      (C) 9      (D) 11

(OPRB CBRE Jail Warder 2022)

07. If the position of the last 2 digits of a 3 digit number are inter-changed, the new number thus created is 54 higher than the original number. What is the difference between the last two digits of the number?

- (A) 6      (B) 9      (C) 12      (D) None of these

(OSSSC ICDS Supervisor 2016 & OSSSC Jr. Clerk 2017)

08. The difference between a number of two digit and the number obtained interchanging its digits is 63. What is the difference between its digits?

- (A) 5      (B) 6      (C) 7      (D) 8

(OPRB CBRE Jail Warder 2022)

09. Find the least value of \* for which the number 8550\*1 is divisible by 3.

- (A) 1      (B) 2      (C) 5      (D) 8

(OSSSC HAW/HEW 2016)

10. If 517\*324 is divisible by 3, which of the following small number will replace the star?

- (A) 0      (B) 1      (C) 2      (D) None of these

(OSSSC RI & Amin 2015 & OSSSC ICDS Supervisor 2016)

11. Which one of the following numbers is divisible by 3?

- (A) 7249      (B) 9332      (C) 8168      (D) 4599

(OSSSC CRE PEO & JA 2023)

12. What least value should be assigned to \*, so that the number 451\* 603 is exactly divisible by 9 ?

- (A) 2      (B) 5      (C) 8      (D) 7

(OPRB CBRE Jail Warder 2022)

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**MATHEMATICS**

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13. What least value must be assigned to \* so that the number 451 \* 603 is exactly divisible by 11?  
(A) 9 (B) 7 (C) 5 (D) 2  
(OSSSC Excise Constable 2014)
14. The numbers which are formed by writing one digit 6 times (e.g. 11111, 444444 etc.) are always divisible by:  
(A) 13 (B) 11 (C) 7 (D) all of these  
(OSSSC Excise Constable 2014)
15. If a box of sweets is divided among 24 children, they will get 5 sweets each. How many would each get, if the number of children is reduced by 4?  
(A) 12 (B) 6 (C) 8 (D) 10  
(OPRB CBRE Jail Warder 2022)
16. In a division the divisor is 4 times the quotient and 3 times remainder. If the remainder is 4, what is the dividend?  
(A) 16 (B) 19 (C) 40 (D) 48  
(OSSSC RI & Amin 2015)
17. In a division, divisor is 12 times of the quotient and 5 times of the remainder. If the remainder is 48, find the dividend.  
(A) 4848 (B) 676 (C) 250 (D) 5800  
(OSSSC Jr. Asst. 2018)
18. In a division the divisor is 10 times the quotient and 5 times the remainder. If the remainder is 46, the dividend is:  
(A) 4236 (B) 4306 (C) 4336 (D) 5336  
(OSSSC Excise Constable 2014)
19. On dividing 59761 by a certain number the quotient is 189 and the remainder is 37. Find out the divisor.  
(A) 314 (B) 312 (C) 316 (D) 318  
(OSSSC SFS 2016)
20. A number when divided by the sum of 555 and 445 gives two times their difference as quotient and 30 as the remainder. The number is  
(A) 220030 (B) 22030  
(C) 1220 (D) 1250  
(OPRB CBRE Jail Warder 2022)
21. The remainder obtained when 231 is divided by 5 is:  
(A) 2 (B) 3 (C) 4 (D) 1  
(OSSSC Excise Constable 2014)
22. If a number is divided by 36, the remainder is 21. What will be remainder if that number is divided by 12?  
(A) 9 (B) 8 (C) 7 (D) 9  
(OSSSC Jr. Clerk 2015)
23. On dividing a certain number by 357, the remainder is 39. On dividing the same number by 17. What will be the remainder?  
(A) 5 (B) 3 (C) 7 (D) 6  
(OPRB CBRE Jail Warder 2022)
24. A number divided by 899 gives a remainder 63. If the number is divided by 29, the remainder will be:  
(A) 2 (B) 5 (C) 13 (D) 8  
(OPRB CBRE Jail Warder 2022)

$$33. \frac{999}{6} - \frac{99}{6} = \frac{333}{2} - \frac{33}{2}$$

$$= 166\frac{1}{2} - 16\frac{1}{2}$$

$$= 166 - 16 = 150$$

$$34. \text{Option (B) } 1000\bar{4}$$

$$1000 - 4 \times 4 = 984$$

$$98 - 4 \times 4 = 82 \text{ is divisible by } 41.$$

$$35. \frac{100}{11} = 9\frac{1}{11} \text{ Remainder} = 1$$

$$\text{No. to be added} = 11 - 1 = 10$$

$$36. \frac{11158}{77} = 144\frac{70}{77} \text{ Remainder} = 70$$

$$\text{No. to be added} = 77 - 70 = 7$$

$$37. \text{LCM of } 22 \text{ \& } 6 = 66$$

$$\frac{1000}{66} = \frac{500}{33} = 15\frac{5}{33} = 15\frac{10}{66}$$

$$66 - 10 = 56$$

$$38. (1111)^2 = 1\ 2\ 3\ \bar{4}3\ 2\ 1 \text{ (1 repeated 4 times)}$$

$$39. 12345\bar{6}54321 = 111111 \text{ (1 repeated 6 times)}$$

$$40. 12\bar{3}21 = 111 \times 111$$

$$41. \text{Square root of } 41209$$

$$412 / 09 = 20^2 > 412 / 3 \text{ unit digit}$$

$$= 203$$

$$42. 32^2 = 1024 = 1000 + \bar{24} \text{ (nearest number)}$$

$$= 961 = 1000 - \bar{39}$$

$$43. 1230 = 35^2 + 5 \text{ students left}$$

$$44. 392 = \bar{2} \times \bar{2} \times \bar{7} \times \bar{7} \times 2$$

So 2 is multiplied to make perfect square.

$$45. 6375 + \bar{25} = 6400 = 80^2$$

$$46. 45156 > 212^2$$

$$8^2 = 64, 5^2 = 25, 4^2 = 16$$

$$(2125)^2 = 4515625 = 4515600 + \bar{25}$$

$$47. \text{Digital Sum of a perfect square be } 0 \text{ or } 9 / 1 / 4 / 7.$$

$$(A) 2203 + 1 = 2204$$

(04 is last two digit of a perfect square)

$$\text{DS of } 2204 = 8$$

Option (A) is not a perfect square

(B)  $2203 + 3 = 2206$  (06 is not last two digit of a perfect square)

(C)  $2203 + 6 = 2209$  (09 is last two digit of a perfect square)

(D)  $2203 + 8 = 2211$  (11 is last two digit of a perfect square)

So option (C) correct answer.

$$48. 34967 - 371 = 34596 \text{ (96 is last two digit of a perfect square)}$$

$$34967 - 317 = 34650 \text{ (50 is not last two digit of a perfect square)}$$

$$34967 - 316 = 34651 \text{ (51 is not last two digit of a perfect square)}$$

$$34967 - 361 = 34606 \text{ (06 is not last two digit of a perfect square)}$$

So option (A) correct answer.

$$49. (A) 1850 - 5 = 1845 \text{ (45 is not last two digit of a perfect square)}$$

$$(B) 1850 - 7 = 1843 \text{ (3 is not last digit of a perfect square)}$$

(C)  $1850 - 1 = 1849$  (49 is last two digit of a perfect square)

(D)  $1850 - 11 = 1839$  (39 is not last two digit of a perfect square)

Option (C) is correct answer.

50. (A) 67 is not last two digit of a perfect square.

(B) 64 is last two digit of a perfect square.

DS of  $99764 = 8$  is not DS of perfect square.

(C) 56 is last two digit of a perfect square.

(D) 99 is not last two digit of a perfect square.

Option (C) is correct answer.

51. (A) 1600 is not divisible by 24

(B) 3600 is divisible by 20, 16 & 24.

53. 3600 is only perfect square.

55.  $3600 = 8 \times 9 \times 50 = 2^3 \times \underline{450}$

56.  $13122 = 9 \times 9 \times 9 \times \underline{18}$

57.  $10976 = 4 \times 4 \times \underline{2} \times 7 \times 7 \times 7$

59. (A)  $9999 = 3 \times 3 \times 1111$  is not a perfect cube.

$9261 = 3 \times 3 \times 3 \times 7 \times 7 \times 7 = 21^3$

9261 is largest 4 – digit perfect cube.

60. (A)  $99 = 3^2 \times 11^1$

Total no. factors =  $(2 + 1) \times (1 + 1) = 6$

(B) 101 is a prime number.

(C)  $176 = 2^4 \times 11^1$

Total no. factors =  $(4 + 1) \times (1 + 1) = 10$

(D)  $182 = 2^1 \times 7^1 \times 13^1$

Total no. factors =  $(1 + 1) \times (1 + 1) \times (1 + 1) = 8$

Option (C) is correct answer.

61. The number 1.101001000100001... is decimal expansions that can neither be terminated nor repeated.

So the number is an irrational number.

62.  $(-5 + 2\sqrt{5} - \sqrt{5}) = \sqrt{5} - 5$  is an irrational number.

63.  $\frac{5}{7} = \frac{5 \times 2}{7 \times 2} = \frac{10}{14}$

64.  $\sqrt{1.96} = \sqrt{\frac{196}{100}} = \frac{14}{10} = \frac{7}{5}$  is a rational number.

66. HCF of 17 & 19 = 1

68.  $385 = \underline{5} \times 7 \times 11$

69. 102, 120, 201 & 210

70.  $999 - 99 = 900$

71. Put  $n = 0$ ,  $0 + 0 + 1 = 1$  is odd

Put  $n = 1$ ,  $1 + 1 + 1 = 3$  is odd

72.  $(169 - 151) \div 2 - 1 = 8$

73. Let the 3 consecutive no.s be  $x - 2$ ,  $x$ ,  $x + 2$

ATQ,  $x + x + 2 = 20$

$x = 9$

74. 31 and 33 are only two consecutive odd numbers.

75. Let  $x - 1$  and  $x + 1$  be two consecutive even numbers.

ATQ,  $(x+1)^2 - (x-1)^2 = 4x = 84$

# MATHEMATICS

145.

2	64	
2	32	0
2	16	0
2	8	0
2	4	0
2	2	0
2	1	0
2	0	1

$(01000000)_2 = 64$

## HCF & LCM

01. Find the HCF of  $\frac{1}{2}$  and  $\frac{3}{2}$

- (A)  $\frac{3}{2}$     (B)  $\frac{1}{2}$     (C) 1    (D) 3

(OPRB CBRE Jail Warder 2022)

02. What shall be added to each of 6, 12, 16 & 18 to make the H.C.F of the additions 1?

- (A) 4    (B) 3    (C) 2    (D) 1

(OSSSC Jr. Clerk 2015)

03. The addition of two numbers is 384 and their H.C.F is 48. What is the ratio between the two numbers?

- (A) 3 : 5    (B) 4 : 5    (C) 2 : 3    (D) 1 : 3

(OSSSC Jr. Clerk 2015 & OSSSC RI & Amin 2015)

04. The sum of two numbers is 384 and their HCF is 48. What is the difference between the two numbers?

- (A) 48    (B) 96    (C) 144    (D) 192

(OSSSC RI & Amin 2015 & OSSSC Jr. Asst. 2018)

05. The sum of two numbers is 216 and their HCF is 27. The numbers are

- (A) 27 and 189    (B) 154 and 162  
(C) 108 and 108    (D) 81 and 189

(OPRB CBRE Jail Warder 2022)

06. The H.C.F of two numbers is 13. If one number is 91, what is the other number?

- (A) 7    (B) 65    (C) 13    (D) 63

(OSSSC RI & Amin 2015)

07. The sum of two numbers is  $pq$  and their difference is  $\frac{1}{7}$  of their sum. Find their HCF.

- (A)  $\frac{12}{7} pq$     (B)  $\frac{pq}{7}$     (C)  $\frac{6}{7} pq$     (D)  $\frac{24}{7} pq$

(OPRB CBRE Jail Warder 2022)

08. By what greatest number will 2249, 8227 and 756 be divided to leave reminders of 8, 10 & 9 respectively?

- (A) 77    (B) 747    (C) 889    (D) 898

(OSSSC RI & Amin 2015 & OSSSC ICDS Supervisor 2016)

09. By which of the following numbers shall 77, 147 & 252 be divided to leave the same remainder in each case?

- (A) 9    (B) 15    (C) 25    (D) 35

(OSSSC Jr. Clerk 2015)

10. Find the greatest possible length of the planks, if three pieces of timber 42 m, 49 m and 63 m long have to be divided into planks of the same length.

- (A) 8m    (B) 49 m    (C) 7 m    (D) 63 m

(OPRB CBRE Jail Warder 2022)



**SOLUTION**

01.  $\frac{HCF \text{ of } 1, 3}{LCM \text{ of } 2, 2} = \frac{1}{2}$

03. Let the two number be  $48x$  &  $48y$ .

ATQ,  $48x + 48y = 384$

$x + y = 8$

Possible pairs of  $(x, y) = (1, 7), (3, 5), (5, 3), (7, 1)$

Option (A) is correct answer

04. Let the two number be  $48x$  &  $48y$ .

ATQ,  $48x + 48y = 384$

$x + y = 8$

Possible pairs of  $(x, y) = (1, 7), (3, 5), (5, 3), (7, 1)$

Diff. =  $48 \times 5 - 48 \times 3 = 96$

05. Option – A,  $27 + 189 = 216$

HCF = 27

Option (B), HCF = 27

Option (C), HCF = 108

Option – (D)  $81 + 189 = 216$

06. Both 65 & 13

07. Let the number be  $a$  &  $b$

ATQ,  $a - b = \frac{1}{7} (a + b)$

$7a - 7b = a + b$

$6a = 8b$

$= \frac{a}{b} = \frac{4}{3}$

Let  $a = 4h$  &  $b = 3h$

Again,  $a + b = 7h = pq$

$h = pq/7$

08. The required number = HCF of  $(2249 - 8), (8227 - 10)$  &  $(756 - 9)$

= HCF of 2241, 8217 & 747

= 747

09. The required number = HCF of  $(147 - 77)$  &  $(252 - 147)$

= HCF of 70 & 105 = 35

10. Greatest possible length = HCF of 42, 49 & 63 = 7

11. Required answer = HCF of 384, 432 & 480

= HCF of  $(432 - 384)$  &  $(480 - 432)$

= HCF of 48 & 48 = 48

13. LCM  $a^2 + ab$  &  $ab - b^2$

LCM of  $a(a + b)$  &  $b(a - b)$

=  $ab(a + b)(a - b)$

14. LCM of 3, 9, 12, 15 & 6

= LCM of  $3, 3^2, 2^2 \times 3, 3 \times 5, 2 \times 3$

=  $2^2 \times 3^2 \times 5 = 180$

15. LCM of  $2/3, 3/5, 4/7$  and  $9/13$

=  $\frac{LCM \text{ of } 2, 3, 4, 9}{HCF \text{ of } 3, 5, 7, 13} = 36$

16. LCM of 6, 8, 12 & 18

= 72

17. LCM of 48, 60 and 90

= 720 minutes = 12 hours

10.00 am + 12 hours = 10.00 pm

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**MATHEMATICS**

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45 he got 31 in Science. In which subject he had done well?

- (A) English (B) Science  
(C) Mathematics (D) None of these

(OSSSC Jr. Asst. 2018)

10. Ram's salary is increased from Rs. 24,000 to Rs. 30,000. Find the % of increase.

- (A) 20% (B) 25% (C) 30% (D) 40%

(OSSSC HAW/HEW 2016 & OSSSC CRE PEO & JA 2023)

11. Find 8% of 625.

- (A)  $\frac{625}{8}$  (B)  $\frac{8}{625}$  (C) 50 (D) 5

(OSSSC HAW/HEW 2016 & OSSSC CRE PEO & JA 2023)

12. 20 % of (50 % of 5000) is:

- (A) 400 (B) 600 (C) 250 (D) 500

(OPRB CBRE Jail Warder 2022)

13. How many hours is 20% of 40% of 4 hours and 20 minutes?

- (A) 13/6 hours (B) 26/75 hours  
(C) 13 hours (D) None of these

(OSSSC RI & Amin 2015)

14.  $13937.869 \times 199.54 + 15\% \text{ of } 201 = ?$

- (A) 150 (B) 80 (C) 90 (D) 100

(OSSSC Excise Constable 2014)

15.  $45\% \text{ of } \_\_\_ + 30\% \text{ of } 90 = 30\% \text{ of } 210.$

- (A) 80 (B) 120 (C) 60 (D) 90

(OSSSC Excise Constable 2014)

16.  $3599.04 \times 89.976 + 7\% \text{ of } 19 \times = ?$

- (A) 163 (B) 137 (C) 173 (D) 189

(OSSSC Excise Constable 2018)

17. What approximate value will come in place of question mark (?) in the following question.

$$67.99\% \text{ of } 1401 - 13.99\% \text{ of } 1299 = ?$$

- (A) 700 (B) 720 (C) 770 (D) 740

(OPRB CBRE Jail Warder 2022)

18. What approximate value will come in place of question mark (?) in the following question.

$$29.8\% \text{ of } 260 + 60.01\% \text{ of } 510 - 103.57 = ?$$

- (A) 450 (B) 320 (C) 210 (D) 280

(OPRB CBRE Jail Warder 2022)

19. Two-fifth of three-eighth of a number is 24. What is 250 percent of that number?

- (A) 450 (B) 400 (C) 300 (D) 160

(OSSSC Jr. Clerk 2017)

20. If  $60\% \text{ of } \frac{5}{12}$  of a number is 9.5, then find out the number?

- (A) 380 (B) 95 (C) 38 (D) 3.8

(OSSSC RI 2021)

21. If  $\frac{4}{9} \text{ of } \frac{3}{10} \text{ of } \frac{5}{8}$  a number is 45, then 30% of the number will be ?

- (A) 216 (B) 162 (C) 612 (D) 621

(OSSSC Jr. Asst. 2018)

22. If  $\frac{3}{4} \text{ of } \frac{5}{9} \text{ of } \frac{8}{10}$  a number is 270, then 40% of the number will be:

- (A) 810 (B) 324 (C) 135 (D) 108

(OSSSC CRE 2021)

**SOLUTION**

01.  $0.5\% = 0.5/100 = 0.005$

02.  $7\% = 7/100 = 0.07$

03.  $\frac{1}{7} \times 100 = 14\frac{2}{7}\%$

04.  $0.25 \times 100 = 25\%$

05.  $0.0175 \times 100 = 1.75\%$

06.  $\frac{0.002}{0.08} \times 100 = 2.5\%$

07.  $\frac{50}{250} \times 100 = 20\%$

08.  $\frac{45}{7200} \times 100 = 0.625\%$

09. English – 65%

Mathematics -  $\frac{47}{70} \times 100 = 67.14\%$

Science -  $\frac{31}{45} \times 100 = 68.88\%$

10.  $30,000 - 24,000 = 6000$

% increase =  $\frac{6000}{24000} \times 100 = 25\%$

12.  $\frac{1}{5} \times \left( \frac{1}{2} \times 5000 \right) = 500$

13.  $\frac{1}{5} \times \frac{2}{5} \times 4\frac{1}{3} = \frac{26}{75} \text{ hours}$

14.  $13937.869 - 199.54 + 15\% \text{ of } 201$   
 $= 69.85 + 30.15 = 100$

15.  $45\% \text{ of } ? = 30\% \text{ of } (210 - 90)$

$$\frac{9}{20} \text{ of } ? = \frac{3}{10} \times 120$$

$$? = \frac{20}{9} \times 36 = 80$$

16.  $3599.04 \div 89.976 + 7\% \text{ of } 19 \times 10^2$   
 $= 3599.04 \div 89.976 + \frac{7}{100} \text{ of } 19 \times 100$   
 $= 40 + 133 = 173$

17.  $67.99\% \text{ of } 1401 - 13.99\% \text{ of } 1299$   
 $= 68\% \text{ of } 1400 - 14\% \text{ of } 1300$   
 $= 952 - 182 = 770$

18.  $29.8\% \text{ of } 260 + 60.01\% \text{ of } 510 - 103.57$   
 $= 30\% \text{ of } 260 + 60\% \text{ of } 510 - 104$   
 $= 78 + 306 - 104 = 280$

19.  $\frac{2}{5} \times \frac{3}{8} x = 24$   
 $x = 160$

$250\% \text{ of } 160 = 25 \times 16 = 400$

20.  $\frac{3}{5} \times \frac{5}{12} x = 9.5$   
 $x = 38$

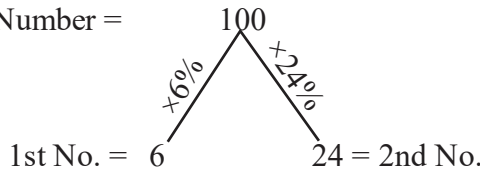
21.  $\frac{4}{9} \text{ of } \frac{3}{10} \text{ of } \frac{5}{8} \text{ of } x = 45$   
 $x = 540$

$30\% \text{ of } 540 = 3 \times 54 = 162$

22.  $\frac{3}{4} \text{ of } \frac{5}{9} \text{ of } \frac{8}{10} \text{ of } x = 270$   
 $x = 810$

$40\% \text{ of } 810 = 4 \times 81 = 324$

38. Third Number =



$$\% = \frac{6}{24} \times 100 = 25\%$$

39. 20% \_\_\_\_\_ 15

100% \_\_\_\_\_ 75

40% of 75 = 30

$$40. \quad \frac{X - Y}{X} = 20\%$$

$$\Rightarrow \frac{X - 20}{X} = \frac{1}{5}$$

$$\Rightarrow X = 5X - 100$$

$$\Rightarrow X = 25$$

41. Same as Q. 40.

$$42. \quad 50\% \text{ of } A + B = \frac{4}{3}B$$

$$\Rightarrow \frac{1}{2}A = \frac{1}{3}B$$

$$\Rightarrow A : B = 2 : 3$$

43. Let two numbers be  $5x$  and  $4x$

$$\text{ATQ, } 5x \times 40\% = 12$$

$$x = 6$$

$$\text{Second number} = 4x = 4 \times 6 = 24$$

$$50\% \text{ of } 24 = 12$$

44. Let the maximum marks =  $M$

Marks got = 178

fails by = 22

If he had got 22 marks he would have passed by exam

$$\text{Passing mark} = 178 + 22 = 200$$

$$40\% \text{ ----- } 200$$

$$100\% \text{ ----- } 500$$

45. Same as Q. 44.

46. Same as Q. 44.

$$47. \quad \text{Passing Mark} = 30\% \text{ of } M + 50 = 320 + 30$$

$$\Rightarrow 30\% \text{ of } M = 300$$

$$\Rightarrow M = 1000$$

$$48. \quad \text{Passing Mark} = 25\% \text{ of } M + 30$$

$$\Rightarrow 50\% \text{ of } M - 20$$

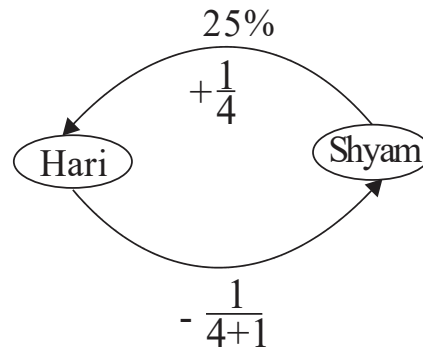
$$\Rightarrow 25\% \text{ of } M = 50$$

$$\Rightarrow M = 200$$

$$\text{Passing Mark} = 50\% \text{ of } 200 - 20 = 80$$

$$\text{Passing Mark \%} = \frac{80}{200} \times 100 = 40\%$$

49.



$$= -\frac{1}{5} \times 1000 = 20\% \text{ less}$$

50. Length  $\times$  Breadth = Constant

$$\frac{3}{5} \uparrow \quad \frac{3}{5+3} \downarrow = \frac{3}{8} \times 100 = 37.5$$

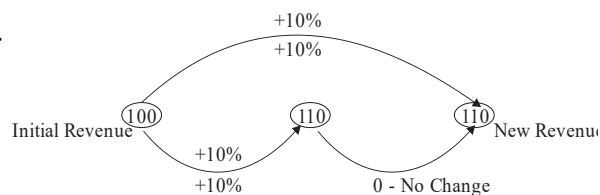
51. Same as Q.50.

$$52. \quad \text{Decrease in income tax} = \frac{12-10}{12} = \frac{1}{6}$$

71.  $4\pi r^2 : 4\pi(2r)^2 = 1 : 4$

*Increase in surface area =*  
 $\frac{4-1}{1} \times 100 = 300\%$

72.



73. Wages / hr      × hr      =      Wages

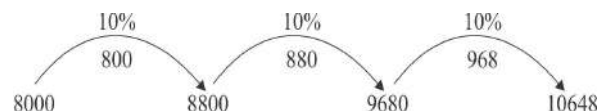
5                      × 5      =      25

6                      × 4      =      24

25 unit ----- 500

24 unit ----- 480

74.



75.  $15\% \uparrow = \frac{+3}{20}$  &  $20\% \downarrow = \frac{-1}{5}$

20      23

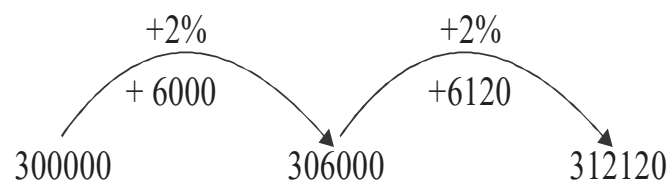
5      4

100      92

100 units ----- 126800

92 units ----- 116656

76. Net population increase rate =  $5\% - 3\% = 2\%$



77. Let the original price be P

The decrease in value of P after one cycle

$= P \left( \frac{x}{100} \right)^2 = 441 \dots \dots \dots (1)$

The final value after second cycle

$\Rightarrow P \left[ 1 - \left( \frac{x}{100} \right)^2 \right]^2 = 1944.81 \dots \dots \dots (2)$

Dividing equation (2) by equation (1) we gave

$\frac{\left[ 1 - \left( \frac{x}{100} \right)^2 \right]^2}{\left( \frac{x}{100} \right)^2} = \frac{1944.81}{441} = 4.41$

$\Rightarrow \frac{1 - \left( \frac{x}{100} \right)^2}{\frac{x}{100}} = \sqrt{4.41} = 2.1 = \frac{21}{10}$

Put  $\frac{x}{100} = K \Rightarrow \frac{1 - K^2}{K} = \frac{21}{10}$

$\Rightarrow 10K^2 + 21K - 10 = 0$

$\Rightarrow K = \frac{2}{5} \dots \dots \dots \text{or} \dots \dots K = -\frac{5}{2} \text{ (Inadmissible)}$

$\Rightarrow \frac{x}{100} = \frac{2}{5} \Rightarrow x = 40\%$

$P \left( \frac{40}{100} \right)^2 = 441 \Rightarrow P \left( \frac{4}{25} \right) = 441 \Rightarrow P = 2756.25$

78. Rakesh : Mona : Rajesh

$11_{\times 9} : 10_{\times 9}$

$9_{\times 10} : 10_{\times 10}$

$99 : 90 : 100$

ATQ, 289 units ----- 5780

1 units ----- 20

100 units ----- 2000

## MATHEMATICS

### PROFIT & LOSS

01. What will be percentage of profit if a pen is bought at Rs.20/- and sold at Rs.25/-?  
(A) 16 (B) 20 (C) 25 (D) 30  
(OSSSC Jr. Clerk 2015)
02. A person purchased an item for Rs. 80 and sold it for Rs. 120. Find his % of profit.  
(A) 50% (B) 100% (C) 150% (D) 0%  
(OSSSC HAW/HEW 2016)
03. A TV is purchased at Rs.5000 and sold at Rs.4000. Find the lost percent.  
(A) 10% (B) 20% (C) 25% (D) 28%  
(OPRB CBRE Jail Warder 2022)
04. A table was sold at 5% profit. Find out the ratio of cost price and sale price of the table?  
(A) 1 : 5 (B) 20:21 (C) 21 : 20 (D) 5 : 1  
(OSSSC Jr. Clerk 2015)
05. By selling a fan for Rs. 649, Anil earns a profit of 18%. Find the cost price of the fan.  
(A) Rs. 550 (B) Rs. 649 (C) Rs.631 (D) Rs. 667  
(OSSSC HAW/HEW 2016)
06. A Carpenter got 35 % profit by selling a table at Rs.1350/-. How much did the table cost him?  
(A) 1300 (B) 1200 (C) 1150 (D) 1000  
(OSSSC Excise Constable 2014)
07. The difference between the cost price and the selling price of an article is Rs. 240. If the profit is 20%, the selling price is:  
(A) Rs. 1440 (B) Rs. 1400  
(C) Rs. 1240 (D) Rs. 1200  
(OSSSC Jr. Asst. 2018)
08. A watch is sold for Rs. 770 at a loss of 30%. For how much should it be sold to gain 20% ?  
(A) Rs. 1,000 (B) Rs. 1,110  
(C) Rs. 1,230 (D) Rs. 1,320  
(OSSSC CRE 2021)
09. There would be 10% loss if some rice is sold at Rs.5.40 per Kg. At what price per Kg should it be sold to earn a profit of 20%?  
(A) Rs.7.20 (B) Rs.7.02 (C) Rs.6.48 (D) Rs.6  
(OSSSC Jr. Clerk 2017)
10. If a shopkeeper were to sell a bag for Rs. 200, he would lose 20%. What must he sell it for to gain 10%?  
(A) 225 (B) 220 (C) 275 (D) 300  
(OSSSC Excise Constable 2014)
11. When a seller sold a phone at Rs.3750.00, he got a loss of Rs.250.00. What will be the sale price to get a profit of 30% ?  
(A) Rs. 4000.00 (B) Rs. 5000.00  
(C) Rs. 5200.00 (D) Rs. 4630.00  
(OSSSC Excise Constable 2018)
12. Mohan suffered a loss of 10% by selling his wristwatch at Rs.1440. At what price he should have sold the watch to get a profit of 10%?  
(A) Rs.1,650 (B) Rs.1, 700  
(C) Rs.1, 760 (D) Rs.1, 820  
(OSSSC RI & Amin 2015& OSSSC ICDS Supervisor 2016)

32. CP of 15 articles = SP of 10 articles

$$\frac{CP}{SP} = \frac{3}{2} > 1 \text{ --- profit}$$

$$\text{profit \%} = \frac{1}{2} \times 100 = 50\%$$

33. Same as Q. 31 & Q.32

34. Same as Q. 31 & Q.32

35. Same as Q.31 & Q. 32

36. SP of 25 chairs - CP of 25 chairs

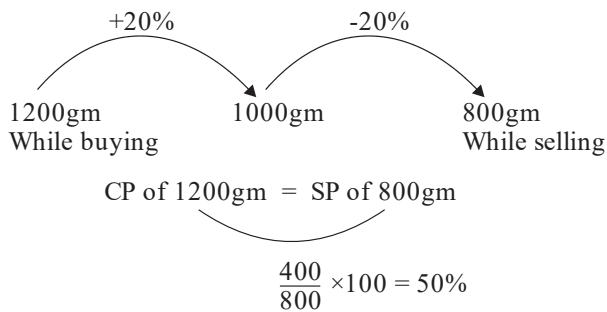
= SP of 5 chairs

$\Rightarrow$  SP of chairs = CP of 25 chairs

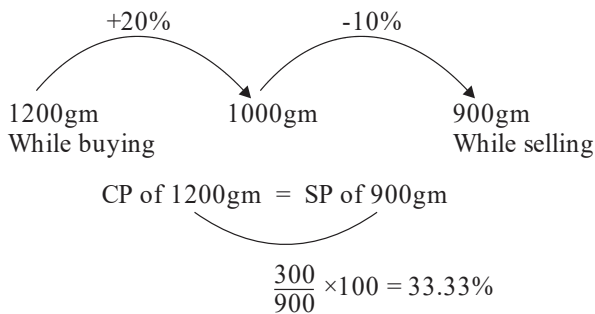
ATQ, SP of 20 chairs = Rs.375

$\Rightarrow$  SP of 1 chair = 18.75

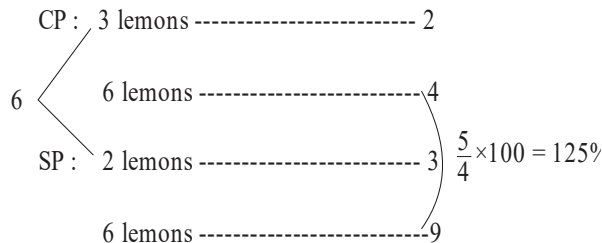
- 37.



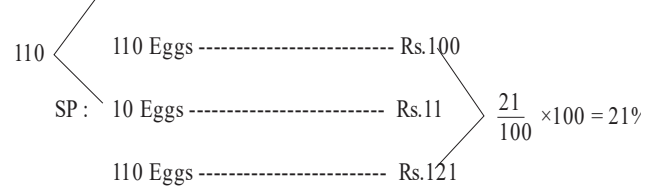
- 38.



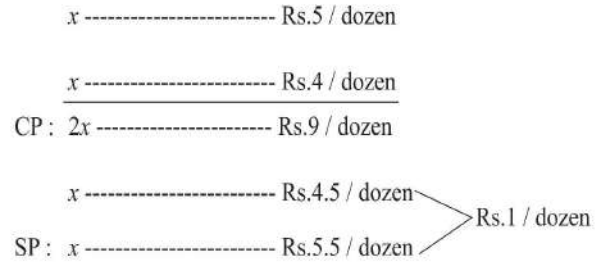
- 39.



40. CP : 11 Eggs ----- Rs.10



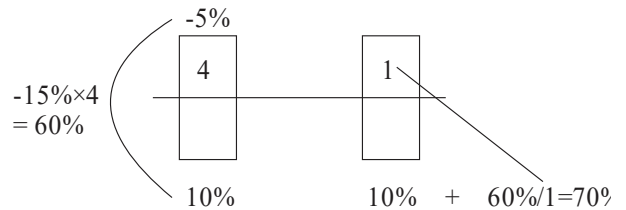
- 41.



Rs. 1 ----- 1 dozen

Rs.50 ----- 50 dozen

42. 40 : 10 = 4 : 1



OR,  $\frac{-5\% \text{ of } 40 + x\% \text{ of } 10}{50} = 10\%$

$\Rightarrow -2 + x\% \text{ of } 10 = 5$

$\Rightarrow x\% \text{ of } 10 = 7$

$x = 70$

43. 3 : 1

$\frac{10\% \text{ of } 3 \text{ articles} - 10\% \text{ of } 1 \text{ article}}{4 \text{ articles}}$

$\frac{10\% \text{ of } 2 \text{ articles}}{4 \text{ articles}} = 5\%$

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## MATHEMATICS

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### SIMPLE & COMPOUND INTEREST

01. The simple interest of some principal is its 16/25. If the rate of interest and the time are same. what is the rate of interest?  
(A) 5 (B) 8 (C) 7 (D) 4  
(OSSSC Jr. Clerk 2015 & OSSSC ICDS Supervisor 2016)
02. If the simple interest of some principal becomes its  $\frac{2}{5}$  in 5 years, what is the rate of interest per annum?  
(A) 10% (B) 8% (C) 6% (D) 4%  
(OSSSC Jr. Clerk 2015)
03. On a certain sum, the simple interest at the end of 12 years becomes of the sum. What is the rate of interest per annum?  
(A) 4% (B) 5% (C) 6% (D) 8%  
(OSSSC Jr. Asst. 2018)
04. Some principal amount is doubled in 20 years at simple interest. What is the rate of interest per annum?  
(A) 5% (B) 8% (C) 10% (D) 12%  
(OSSSC Jr. Clerk 2015)
05. At what rate of simple interest per annum certain principal amount will be doubled in 8 years?  
(A) 10% (B) 12.5% (C) 15% (D) 20%  
(OSSSC RI & Amin 2015)
06. A sum of money at simple interest becomes five times in 24 years. The rate of interest per annum is :  
(A) 20 % (B) 18 % (C) 16 % (D) None of these  
(OSSSC CRE 2021)
07. A certain sum becomes 8 fold in 15years at simple interest. What is the rate of interest?  
(A) 46% (B) 46% (C) 46% (D) 46%  
(OSSSC Jr. Clerk 2017)
08. What is the rate of interest if the principal amount becomes 3 times including the principal and interest in 20 years?  
(A) 10% (B) 12% (C) 8% (D) 10.5%  
(OSSSC RI & Amin 2015)
09. If certain principal is doubled in 20years, how many years will it take for that principal to multiply by 4 times?  
(A) 40 years (B) 50 years  
(C) 60 years (D) 80 years  
(OSSSC RI & Amin 2015)
10. If a sum of money at simple interest doubles in 6 years, it will become 4 times in:  
(A) 12 years (B) 14 years  
(C) 18 years (D) 16 years  
(OSSSC Excise Constable 2014)
11. If the principal amount trebles in 6 years, in how many years will it increase by 4 times?  
(A) 8years (B) 9 years  
(C) 10 years (D) 12 years  
(OSSSC Jr. Clerk 2015)
12. What is the rate of interest if a sum of Rs.4000/- becomes Rs.5000/- in 5 years on simple interest?  
(A) 10% (B) 8% (C) 5% (D) 4%  
(OSSSC ICDS Supervisor 2016)



**SOLUTION**

1.  $\frac{SI}{Principal} = \frac{RT\%}{100} = \frac{16}{25}$

$\Rightarrow RT\% = 64$

$\Rightarrow R^2\% = 64 (\because R = T)$

$\Rightarrow R\% = 8$

2.  $\frac{RT\%}{100} = \frac{2}{5}$

$\Rightarrow RT\% = 40$

$\Rightarrow 5R\% = 40$

$\Rightarrow R\% = 8$

3. Same as Q. 2.

4. 2 units (Amount) = 1 unit (Principal) + 1 unit (SI)

$\Rightarrow RT\% = Principal = 100$

$\Rightarrow 20 R\% = 100$

$\Rightarrow R\% = 5$

5.  $RT\% = 100$

$\Rightarrow 8R\% = 100$

$\Rightarrow R\% = 12.5$

6. 5 units (Amount) = 1 unit (Principal) + 4 unit (SI)

$\Rightarrow RT\% = 4 \times Principal = 400$

$\Rightarrow 24R\% = 400$

$\Rightarrow R\% = 16.67\%$

7. Same as Q. 4,5,6.

8. Same as Q. 4,5,6.

9.	A	P	SI	Time
	2	= 1	+ 1	$\square \times 3$
	4	= 1	+ 3	$\square \times 3$

10. Same as Q. 9

11.	A	P	SI	Time
	3	= 1	+ 2	$\square \times 1.5$
	4	= 1	+ 3	$\square \times 1.5$

12.  $I = 5000 - 4000 = 1000$

$\frac{RT\%}{100} = \frac{1000}{4000} = \frac{1}{4}$

$\Rightarrow 5 R\% = 25$

$\Rightarrow R\% = 5$

13. 4 yrs ----- 52

1 yrs ----- 13

$R\% = \frac{13}{325} \times 100 = 4\%$

14.  $I = 15500 - 12500 = 3000$

4 yrs ----- 3000

1 yr ----- 750

$R\% = \frac{750}{12500} \times 100 = 6\%$

15. Same as Q. No.14

16. 6200 (Amount) = 3100(Principal) + 3100(SI)

$\Rightarrow SI = Principal$

$\Rightarrow RT\% = 100$

$\Rightarrow 4T = 100$

$\Rightarrow T = 25$

17.  $SI = 1815 - 1500 = 315$

100(Principal) ----- 7 (SI)

1500(Principal) ----- 105 (SI)

$T = 315/105 = 3 \text{ years}$

18.  $SI = 6773.75 - 5400 = 1373.75$

$\frac{RT\%}{100} = \frac{1373.75}{5400}$

$\Rightarrow 12\%T = \frac{1373.75}{54}$

# MATHEMATICS

## RATIO & PROPORTION

01. What is the ratio between 0.01 and 0.001?  
(A) 1:10 (B) 1:100 (C) 100 : 1 (D) 10:1  
(OSSSC Jr. Clerk 2015)
02. The ratio of 40 m and 2 km is:  
(A) 1 : 50 (B) 2 : 35 (C) 1 : 40 (D) 3 : 25  
(OPRB Jail warder 2022)
03. Rama's annual income is Rs.4,20,000.00. His annual savings amounts to Rs.60,000.00. The ratio of his monthly savings to expenditure is?  
(A) 1:6 (B) 1:7 (C) 1:5 (D) 1:8  
(OSSSC Excise Constable 2018)
04. If  $4A=5B=6C$ , then find  $A : B : C$ .  
(A) 15:12:10 (B) 12:10:8  
(C) 6:5:4 (D) None of these  
(OSSSC CRE 2021)
05. If  $2x = 3y$  and  $4y = 5z$ , then what is the value of  $x : z$ ?  
(A) 3:4 (B) 8:15 (C) 15:8 (D) 4:3  
(OSSSC Jr. Asst. 2018)
06. If  $A : B = 3:4$  and  $B : C = 8:9$ , what is  $A:B:C$ ?  
(A) 8 : 6:9 (B) 6:8:9 (C) 9:8:6 (D) 3:32: 9  
(OSSSC RI & Amin 2015, OSSSC Jr. Asst. 2018, OSSSC Jr. Clerk 2015 & OSSSC ICDS Supervisor 2016)
07. If  $A : B = 4 : 5$  and  $B : C = 7 : 8$ , then find  $A : C$   
(A) 5:35 (B) 32:35 (C) 7:10 (D) 10:7  
(OSSSC CRE 2021)
08. If  $A:B=3:4, B:C=5:6$  and  $C: D=11:9$ ,  $A: D=$  \_\_\_\_ ?  
(A) 50:60 (B) 55:72 (C) 60:70 (D) 65:75  
(OSSSC Jr. Clerk 2015)
09. If  $A:B=3:4, B:C =8:9, C:D=15:16$ , then find  $A:B:C:D$ .
- (A) 15:20:21:28 (B) 30:40:45:48  
(C) 9:15:21:28 (D) None of these  
(OPRB Jail warder 2022)
10. If  $A : B : C = 2 : 3 : 4$ , then  $\frac{A}{B} : \frac{B}{C} : \frac{C}{A} = \dots\dots\dots?$   
(A) 8:9:16 (B) 8:9:12 (C) 8:9:24 (D) 4:9:1671.  
(OSSSC Jr. Clerk 2017)
11. If  $a : b = 2 : 3$ , then find  $(5a - 2b) : (a + 3b)$   
(A) 3:2 (B) 11:4 (C) 4:11 (D) 1:1  
(OSSSC CRE 2021)
12. If  $x : y = 3 : 4$ , then what is the value of  $(3x - y) : (x + 2y) ?$   
(A) 5 : 11 (B) 11 : 5 (C) 16 : 55 (D) 55 : 16  
(OSSSC RI 2021)
13. If  $(a+b) : (a - b) = 5:3$ , then find  $(a^2+b^2) : (a^2-b^2)$   
(A) 17:15 (B) 25:9 (C) 4:1 (D) 16: 1  
(OSSSC Jr. Asst. 2018)
14. If the addition of two whole numbers is 64, which of the following ratios is not applicable to them?  
(A) 5 : 3 (B) 7 : 1 (C) 3 : 4 (D) 9 : 7  
(OSSSC Jr. Clerk 2015)
15. If you divide 240 into two parts in the ratio of 2:3, then the parts are:  
(A) 96 and 144 (B) 100 and 140  
(C) 120 and 120 (D) 160 and 80  
(OSSSC HAW/HEW 2016 & OSSSC CRE PEO / JA 2023)
16. The proportion of 2 numbers is 10:1 and their sum is 1188. What is the number?  
(A) 18 (B) 108 (C) 81 (D) 28  
(OSSSC RI & Amin 2015)
17. Between two numbers, 5 times of the greater one equals to 6 times of the smaller one. If the sum of both the numbers is 33, find the greater number?

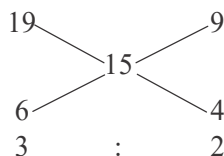
**PARTNERSHIP**

81. A, B and C invested their capitals in the ratio of 5:6:8. At the end of the business, they received the profit in the ratio of 5:3:1. Find out the ratio of time for which they contributed their capitals.  
(A) 12:9:7 (B) 25:18:8 (C) 5:6:8 (D) 8:4:1  
(OSSSC Jr. Clerk 2017)
82. A and B enters into a partnership investing Rs. 15000 and 20000 respectively. If at the end of the year, the amount of profit earned is Rs 14000, what will be the shares of profit of A and B?  
(A) Rs. 6000, Rs. 8000 (B) Rs. 7000, Rs. 7000  
(C) Rs. 5000, Rs. 9000 (D) Rs. 4000, Rs. 10000  
(OSSSC Livestock Inspector 2021)
83. Three partners A, B and C invest Rs.26000, Rs.34000 and Rs.10000 respectively in a business. Out of a total profit of Rs.17500, C's share is \_\_\_\_ ?  
(A) 8750 (B) 8500 (C) 7500 (D) 2500  
(OSSSC SFS 2016)
84. A and B jointly start a business. The investment of A is equal to three times the investment of B. Find the share of A in the annual profit of Rs 52000.  
(A) Rs 39000 (B) Rs 38000  
(C) Rs 45000 (D) Rs 52000  
(OPRB Jail warder 2022)
85. A, B & C invested Rs.114000 in a business. At the end of the year they got profit of Rs.337.50, 1125 and 675 respectively. What is the investment amount of A?  
(A) Rs.18000 (B) Rs.60000  
(C) Rs.36000 (D) Rs.48000  
(OSSSC ICDS Supervisor 2016)
86. A, B, & C started a business investing Rs.14000. If the amount of profit earned after one year by A, B & C is Rs.337.50, Rs.1125 & Rs.637.50 respectively, what amount was invested by A?  
(A) 2250 (B) 7500 (C) 4200 (D) None of these  
(OSSSC RI & Amin 2015)
87. A and B invest in a business in the ratio of 3:2. If 5% of the total Profit goes to a charity and A's share is Rs.4275, then what will be the total profit?  
(A) Rs.8000 (B) Rs.7700  
(C) Rs.7500 (D) Rs.6500  
(OSSSC Jr. Clerk 2017)
88. In a joint venture A & B invested money at a ratio of 3 : 2. If 5% of the total profit is donated to a charitable institution and A gets Rs.1824, what is the total profit?  
(A) 3000 (B) 3300 (C) 3200 (D) None of these  
(OSSSC ICDS Supervisor 2016)
89. A, B and C entered into partnership in a business. A got  $\frac{3}{5}$  of the profit. B and C distributed the remaining profit equally. If C got Rs.400 less than A, what was the total profit?  
(A) Rs.1600 (B) Rs.1200 (C) Rs.1000 (D) Rs.800  
(OSSSC Jr. Clerk 2017)
90. A and B started a joint business. A's investment was thrice the investment of B and the period of his investment was twice the period of investment of B. If B got Rs. 6000 as profit, then what will be the 20% of total profit?  
(A) Rs. 5000 (B) Rs. 8400  
(C) Rs. 3500 (D) Rs. 4500  
(OSSSC Jr. Asst. 2018)
91. A starts a business with Rs.9000 and B joins him after 6 months with an investment of Rs.45000. What will be the ratio of the profit of A and B at the end of year?  
(A) 1:5 (B) 5:2 (C) 2:5 (D) 5:1  
(OSSSC Jr. Clerk 2017)

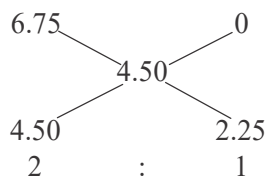
∴ Resultant ratio of spirit & water

$$= (x+x) : 3x = 2 : 3$$

71. Gold Copper



72. Milk Water



$$2 \text{ units} = 16 \text{ ltr}$$

$$1 \text{ unit} = 8 \text{ ltr}$$

73. Boys Girls
- $$\begin{array}{ccc}
 200 & & 300 \\
 \downarrow +20\% & & \downarrow +10\% \\
 240 & : & 330 \\
 8 & : & 11
 \end{array}$$

74. Half of water in the pot = 12 ltr 250ml

Originally water present in the pot

$$= 12 \text{ ltr } 250\text{ml} \times 2 = 24 \text{ ltr } 500\text{ml}$$

75. Let 12 women complete the work in N hours

$$8 \text{ women} \times 15 \text{ hour} = 12 \text{ women} \times N \text{ hour}$$

$$N = \frac{8 \times 15}{12} = 10 \text{ hour}$$

76. Let a Man makes 'N' toys in 12 days

No. of toys  $\propto$  No. of days

$$\Rightarrow \frac{5 \text{ days}}{120 \text{ toys}} = \frac{12 \text{ days}}{N \text{ toys}}$$

$$\Rightarrow N = 288 \text{ toys}$$

77. Number of enumerators  $\propto$  1/No. of days

Let 'N' enumerators will be engaged to complete the work in 30 days

$$\Rightarrow 3600 \text{ enumerators} \times 45 \text{ days}$$

$$= N \text{ enumerators} \times 30 \text{ days}$$

$$\Rightarrow N = \frac{3600 \times 45}{30} = 5400$$

78. Number examiners  $\propto$  No. of answer sheets

Number examiners  $\propto$  1/No. of toys

Let the number of days be D

$$\frac{10 \text{ examiners} \times 8 \text{ days}}{2000 \text{ sheets}} = \frac{12 \text{ examiner} \times D \text{ days}}{3000 \text{ sheets}}$$

$$\Rightarrow D = 10 \text{ days}$$

79. Number of man  $\propto$  1/No. of hour

Number of man  $\propto$  1/No. of days

$$\Rightarrow M_1 D_1 H_1 = M_2 D_2 H_2$$

$$\Rightarrow 15 \times 8 \times 36 = 9 \times D \times 12$$

$$\Rightarrow D = 40 \text{ days}$$

80. Number of member  $\propto$  1/No. of days

Number of member  $\propto$  Rupees

$$\frac{M_1 D_1}{R_1} = \frac{M_2 D_2}{R_2}$$

$$\Rightarrow \frac{7 \times 36}{840} = \frac{9 \times D_2}{810}$$

$$\Rightarrow D_2 = 27$$

81.  $Time = \frac{\text{Profit}}{\text{Capital}}$

	A	B	C
Ratio of profit	5	: 3	: 1
Ratio of investment	5	: 6	: 8
Ratio of time	$\frac{5}{5}$	: $\frac{3}{6}$	: $\frac{1}{8}$
	8	: 4	: 1

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**MATHEMATICS**

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**AVERAGE**

01. One data sets mean is  $M$  what will be the new mean of a data set if the value of each value of the data set increases by  $x$ ?  
(A)  $m+x$  (B)  $m-x$  (C)  $mx$  (D)  $m/x$   
(OPRB Jail warder 2022)
02. If the mean  $M$  of a data set is reduced to  $Y$  the mean of each value of the data set, what will be the new mean of the data set?  
(A)  $my$  (B)  $m/y$  (C)  $m-y$  (D)  $m+y$   
(OPRB Jail warder 2022)
03. If the number of  $n$  values with  $M$  mean is multiplied by  $P$ , the new mean will be \_\_\_\_\_.  
(A)  $MP$  (B)  $M/P$  (C)  $M + P$  (D)  $M$   
(OPRB Jail warder 2022)
04. The mean of the first  $n$  cardinal numbers is \_\_\_\_\_.  
(A)  $m$  (B)  $n$  (C)  $(n+1)/2$  (D)  $(n-1)/2$   
(OPRB Jail warder 2022)
05. What is the mean of the first 20 cardinal numbers?  
(A) 10 (B) 11 (C) 10.5 (D) 11.5  
(OPRB Jail warder 2022)
06. Find the average of first 30 natural numbers.  
(A) 20 (B) 15.5 (C) 25 (D) 18  
(OPRB Jail warder 2022)
07. What is the average of the first ten multiples of 3?  
(A) 15 (B) 16.5 (C) 18.3 (D) 30  
(OPRB Jail Warder 2022 & OSSSC Jr. Clerk 2015)
08. Find the mean of first five multiples of 8.  
(A) 40 (B) 16 (C) 32 (D) 24  
(OSSSC CRE PEO & JA 2023)
09. The average of 4 consecutive even numbers is 27. What is the greatest number?  
(A) 28 (B) 26 (C) 32 (D) 30  
(OSSSC Jr. Clerk 2017)
10. The average of squares of first 11 consecutive even numbers is:  
(A) 184 (B) 148 (C) 186 (D) 174  
(OSSSC Jr. Clerk 2017)
11. The average of 5 consecutive numbers is ' $X$ '. If the last two consecutive numbers from the higher end are excluded, the average will be?  
(A) remain the same (B) decrease by 2  
(C) decrease by 1 (D) decrease by 0.5  
(OSSSC Excise Constable 2018)
12. What is the mean of 5, 11, 16, 10 and 18?  
(A) 5 (B) 12 (C) 16 (D) 18  
(OSSSC HAW/HEW 2016)
13. Shyam obtained 60, 65, 70, 72, and 78 marks in English, Hindi, Chemistry, History and Mathematics respectively. What are the average marks in all subjects?  
(A) 69 (B) 65 (C) 68 (D) 70  
(OPRB Jail warder 2022)
14. What is the average of  $X$ ,  $X+2$ ,  $X+4$ ,  $X+6$  and  $X+8$ ?  
(A)  $x+20$  (B)  $x+4$  (C)  $x+5$  (D)  $x$   
(OSSSC RI & Amin 2015)
15. If the mean of  $a$ ,  $a+3$ ,  $a+6$ ,  $a+9$  and  $a+12$  is 10, determine the value of  $a$ .  
(A) 1 (B) 2 (C) 3 (D) 4  
(OPRB Jail warder 2022)
16. The average age of A & B is 20 years. If C were to replace A, the average would be 19 years and if C were to replace B, the average would be 21 years. Then what are the ages of A, B and C?  
(A) 22, 18, 20 (B) 18, 22, 20

19. Present avg =  $\frac{8 \times 40 + 39 - 55}{8} = \frac{320 - 16}{8} = 38$

20. Let the weight of the new man =  $x$   
Initial average =  $A$

ATQ,  $\frac{5A - 60 + x}{5} = (A + 2)$

$\Rightarrow 5A - 60 + x = 5A + 10 \Rightarrow x = 70 \text{ kg}$

21. Let the age of the teacher =  $x$

ATQ,  $\frac{36 \times 14 + x}{37} = (14 + 1)$

$\Rightarrow x = 555 - 504 = 51$

22. Let the average run till 15th innings =  $x$   
Total run =  $15x$

ATQ,  $\frac{15x + 95}{16} = x + 4$

$\Rightarrow 15x + 95 = 16x + 64$

$\Rightarrow x = 31$

$\therefore$  Average run after 16th innings =  $31 + 4 = 35$

23. Total age of 4 member family =  $25 \times 4 = 100$  years

If the head of family is included by 20%

i.e.,  $25 + 20\% \text{ of } 25 = 30$  years

Total age of 4 member family & head of the family  
=  $30 \times 5 = 150$

$\therefore$  Age of the head of the family =  $150 - 100 = 50$  yrs.

24. Total salary of employees =  $4000 \times 30 = \text{Rs. } 120000$

If the manager's salary is added, then average salary  
is Rs. 4300

Total salary of 30 employees and manager  
=  $4300 \times 31 = 133300$

$\therefore$  Manager's salary =  $133300 - 120000 = 13300$

25. Let the teacher's age =  $x$  year

ATQ,  $\frac{20 \times 11 - x}{11 - 1} = (20 - 2)$

$\frac{220 - x}{10} = 18$

$\Rightarrow x = 220 - 180 = 40$  yrs.

26. Total age of 16 persons =  $16 \times 28 \frac{1}{4} = 452$  yrs.

2 person left the group at the age of 58 yrs. each

average of rest members =  $\frac{452 - 2 \times 58}{16 - 2}$

=  $\frac{452 - 116}{14} = 24$

27. Sum of the Six numbers =  $9 \times 6 = 54$

Sum of 1st five numbers =  $5 \times 8 = 40$

$\therefore$  6th no. =  $54 - 40 = 14$

28. Total mark in 7 subjects =  $75 \times 7 = 525$

Total marks excluding science subject =  $72 \times 6 = 432$

$\therefore$  Marks in science =  $525 - 432 = 93$

29. Sum of 50 numbers =  $38 \times 50 = 1900$

If two numbers 45 & 55 are not considered then  
average of rest 48 numbers

=  $\frac{1900 - (45 + 55)}{48} = \frac{1800}{48} = 37.5$

30. Total age of 25 boys =  $25 \times 15 = 375$

Sum of ages of 1st 12 boys =  $12 \times 14.5 = 174$

Sum of ages of last 12 boys =  $12 \times 15.5 = 186$

Age of 13th boys =  $375 - (174 + 186) = 15$

31. ATQ,  $\frac{8U + 4T}{12} = 35$

$\Rightarrow 8U + 4T = 420$

$\Rightarrow 8 \times 40 + 4T = 420$

$\Rightarrow 4T = 420 - 320 = 100$

$\Rightarrow T = 25$

32. Sum of 5 numbers =  $5 \times 7 = 35$

Let the average of 3 new numbers =  $x$

ATQ,  $\frac{35 + 3x}{5 + 3} = 8.5$

$\Rightarrow 35 + 3x = 68$

$\Rightarrow 3x = 68 - 35 = 33 \Rightarrow x = 11$

## MATHEMATICS

### TIME AND DISTANCE

01. A train moves with a speed of 108 kmph. What is its speed in metres per second?  
(A) 38.8 (B) 18 (C) 30 (D) 10.8  
(OSSSC Excise Constable 2014)
02. A person crosses a 600 m long street in 5 min. What is his speed in km per hour?  
(A) 3.6 (B) 7.2 (C) 8.4 (D) 10  
(OSSSC CRE PEO & JA 2023 & OPRB Jail Warder 2022)
03. A man covers half of his journey at 6 Km/hr and the remaining half at 3 Km/hr. What is the average speed of his journey?  
(A) 9Km/hr (B) 4.5Km/hr (C) 4Km/hr (D) 3Km/hr  
(OSSSC Jr. Clerk 2017)
04. A car travels a certain distance from town A to B at the speed of 42 km/h and from town B to A at a speed of 48 km/h. What is the average speed of the car ?  
(A) 45 km/h (B) 46 km/h  
(C) 44.8 km/h (D) None of the above  
(OSSSC Jr. Asst. 2018)
05. A train travels 300 Km in 2.5 hours and 450 Km in 5 hours. Find out the average speed of the train?  
(A) 10 Km/h (B) 50 Km/h  
(C) 100 Km/h (D) 125 Km/h  
(OSSSC Livestock Inspector 2021)
06. A car does a journey in 10 h, the first half at 21 km per hour, and the rest at 24 km per hour. The distance travelled by the car is  
(A) 264 km (B) 244 km (C) 254 km (D) 224 km  
(OPRB Jail warder 2022)
07. The ratio of speed of a car, a truck and a bus is 5 : 2 : 3. The average speed of the car, truck and bus together is 60 Km/h. What is the average speed of the car and truck together?  
(A) 63 Km/h (B) 72 Km/h  
(C) 45 Km/h (D) can not be determined  
(OSSSC Livestock Inspector 2021)
08. A person takes 30 minutes more to cover a certain distance by decreasing his speed by 40%. What is the time taken to cover the distance at his original speed?  
(A)  $\frac{1}{2}$  hr (B)  $\frac{3}{4}$  hr (C) 1 hr (D) 1hrs  
(OSSSC RI 2021)
09. Two buses travel to a place at 45 kmph and 60 kmph respectively. If the second bus takes 5 hours less than the first for the same journey, what is the length of the journey?  
(A) 990km (B) 945km (C) 990km (D) 1350 km  
(OSSSC Excise Constable 2014)
10. A man travelled a distance of 61 km in 9 hours. He travelled partly on foot at 4 km/hr and partly on bicycle at 9 km/hr. What is the distance travelled by him on foot?  
(A) 8 km (B) 12 km (C) 16 km (D) 20 km  
(OSSSC HAW/HEW 2016)
11. X and Y start moving towards each other from two places 200 m apart. After walking 60 m, Y turns left and goes 20 m, then he turns right and goes 40 m. He then turns right again and comes back to the road on which he had started walking. If X and Y walk with the same speed, what is the distance between them now?  
(A) 20 m (B) 30 m (C) 40 m (D) 50 m  
(OPRB Jail warder 2022)
12. Two stations A and B are 110 km apart on a straight line. One train starts from A at 7 am and travels towards B at 20 km/h speed. Another train starts from B at 8 am and travels towards A at a speed of 25 km/h. At what time will they meet?  
(A) 9 am (B) 10 am (C) 11 am (D) None of these  
(OPRB Jail warder 2022)

MATHEMATICS

25. A man can row at 10 km/h in still water. If he takes total 5 h to go to a place 24 km away and return, then the speed of the water current is

- (A) 2 km/h                      (B) 3 km/h  
(C)  $1\frac{1}{2}$  km/h                (D) 1 km/h

**(OPRB Jail warder 2022)**


## ANSWER KEY

- |       |       |       |       |       |
|-------|-------|-------|-------|-------|
| 01. C | 02. B | 03. C | 04. C | 05. B |
| 06. D | 07. A | 08. B | 09. A | 10. C |
| 11. C | 12. B | 13. A | 14. D | 15. B |
| 16. B | 17. D | 18. B | 19. B | 20. B |
| 21. B | 22. D | 23. C | 24. C | 25. A |

### SOLUTION

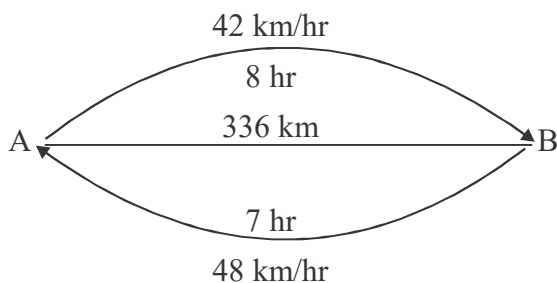
- $$01. \quad 108 \times \frac{5}{18} = 30 \text{ m/sec}$$

02.  $\begin{array}{ccc} & \text{5 mins} & \text{600 m} \\ \times 12 \swarrow & \text{-----} & \searrow \times 12 \\ & \text{60 mins} & \text{7200m} \end{array} \equiv 7.2 \text{ km}$

03. 

$$\text{Avg speed} = \frac{6+6}{1+2} = 4 \text{ km/hr}$$

04. LCM of 42 & 48 = 336 km = Distance

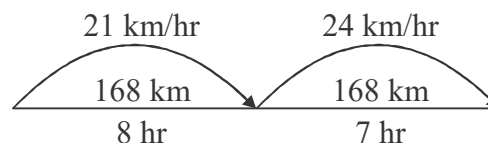


$$\text{Avg speed} = \frac{2 \times 336}{8 + 7} = 44.8 \text{ km/hr}$$

05. Average speed =  $\frac{\text{Total distance travel}}{\text{Total time taken}}$

$$= \frac{300 + 450}{2.5 + 5} = \frac{750}{7.5} = 100 \text{ km/hr}$$

- 06.



15 hr ..... 336 km

10 hr .....  $336/15 \times 10 = 224$  km

07. Speed of Car, Truck & Bus =  $5x$ ,  $2x$  &  $3x$  respectively

$$\text{Avg} = \frac{5x + 2x + 3x}{3} = 60 \Rightarrow x = 18$$

$$\text{Avg speed of Car \& Truck} = \frac{90+36}{2} = 63 \text{ km/hr}$$

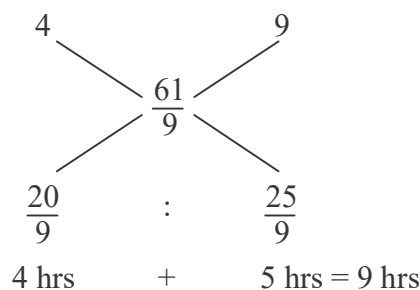
- | 08. Speed      | Time            |
|----------------|-----------------|
| 40% ↓ = -2/5   | 2/(5-2) = 2/3 ↑ |
| ATQ, 2/3 ..... | 30 mins         |
| 1 .....        | 45 mins         |

- | 09. Speed               | Time                       |
|-------------------------|----------------------------|
| $15/45 = +1/3 \uparrow$ | $1/(3+1) \downarrow = 1/4$ |
| ATQ, $1/4$ .....        | 11/2 hr                    |
| 1 .....                 | 22 hr                      |

1st Bus takes 22 hrs to reach the destination

Length of the journey =  $45\text{km/hr} \times 22\text{ hrs} = 990\text{km}$

- 10.
- Foot**
- Bi-cycle**





## MATHEMATICS

### TIME & WORK

01. A can do  $\frac{3}{4}$  of a work in 12 days. In how many days can he finish  $\frac{1}{8}$  of the work?  
(A) 1 Day (B) 2 Days (C) 3 Days (D) 4 Days  
(OPRB Jail warder 2022)
02. A and B complete the job in 16 days, while A, B and C can complete it in 12 days. In how many days C alone can finish the job?  
(A) 24 (B) 32 (C) 36 (D) 48  
(OSSSC Livestock Inspector 2021)
03. A finished  $\frac{3}{10}$  of a work in 9 days for colouring of a house. A and B together completed rest work in 7 days. If B alone works, how many days he would have taken to complete the entire work?  
(A) 30 (B) 20 (C) 16 (D) 15  
(OSSSC RI 2021)
04. 'A' can finish a work in 18 days. 'B' is twice as efficient as 'A'. If they work together, in how many days, the work will be completed?  
(A) 12 days (B) 9 days  
(C) 6 days (D) None of these  
(OSSSC CRE 2021)
05. A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day?  
(A) 12 days (B) 15 days (C) 16 days (D) 18 days  
(OPRB Jail warder 2022)
06. A, B and C can do a work in 20, 25 and 30 days, respectively. They undertook to finish the work together for Rs. 2220, then the share of A exceeds that of B by ?  
(A) Rs. 120 (B) Rs. 180 (C) Rs. 300 (D) Rs. 600  
(OSSSC Jr. Asst. 2018)
07. 20 men and 25 women together can complete a work in 5 days. It takes 150 days for one man alone to complete the work. How many days will be required for one woman to complete the same work?  
(A) 300 (B) 325 (C) 350 (D) 375  
(OSSSC RI 2021)
08. 12 men can complete a work in 8 days. 6 days after they started working, 4 men joined them. How many days will all of them take to finish the remaining work?  
(A) 9 (B) 10 (C) 12 (D) 15  
(OPRB Jail warder 2022)
09. There was food for 18 days for 35 students in a hostel. 5 of them shifted elsewhere. Now the remaining students will finish the food in how many days?  
(A) 15 (B) 21 (C) 30 (D) None of the above.  
(OSSSC Excise 2018)
10. Two taps can fill a tank in 10 hours and 15 hours respectively. If both the taps are opened together, how much time will they take to fill the tank?  
(A) 8 hours (B) 7.5 hours (C) 6 hours (D) 5 hours  
(OSSSC Livestock Inspector 2021)
11. A water tank is filled up by a tap in 8 hours and emptied in 16 hours by another tap. If both the taps are opened at the same time, how much time will the tank take to fill up?  
(A) 8 hours (B) 16 hours (C) 128 hours (D) 2 hours  
(OSSSC Jr. Clerk 2015)
12. A cistern is normally filled in 6 hours, but it takes 3 hours longer to fill because of a leak at its bottom. If the cistern is full, the leak will empty it in:  
(A) 18 hours (B) 24 hours  
(C) 12 hours (D) None of these  
(OSSSC CRE 2021)

**SIMPLIFICATION**

01. Which one of the following formula is not correct?

- (A)  $a^m \times a^n = a^{mn}$   
 (B)  $(a^m)^n = a^{mn}$   
 (C)  $a^m \times a^n = a^{m+n}$   
 (D)  $a^m b^n = (ab)^m$

02. If  $15^x \times 15^y = 15^6$ , find the value of 'y'.

- (A) 24 (B) 2 (C) 5 (D) 1.5

(OSSSC CRE PEO / JA 2023)

03. If  $2^{x+2} \times 3^{x-2} = 96$ , find the value of .

- (A) 1 (B) 2 (C) 3 (D) 4

(OSSSC RI 2021)

04. If  $5^{x-y} = 125$ ,  $2^{x+y} = 128$ , then find the value of  $x^2 - y^2$ ?

- (A) 35 (B) 21 (C) 7 (D) 0

(OSSSC RI 2021)

05.  $(16)^{3/4}$  is equal to:

- (A) 2 (B) 4 (C) 8 (D) 16

(OPRB Jail warder 2022)

06. Find out the value of  $(0.04)^{-2}$ .

- (A) 625 (B) 2500 (C) 5000 (D) 10,000

(OSSSC RI 2021)

07. Simplify  $(125)^{-2/3}$

- (A) 25 (B)  $1/25$  (C)  $-250/3$  (D)  $-375/2$

(OSSSC CRE PEO / JA) 2023)

08. If  $2^a = 64$ , then find the value of  $2^{a-3}$ .

- (A) 4 (B) 16 (C) 32 (D) 8

(OSSSC HAW/HEW 2016)

09. If  $2^{-a} = 1/64$ , what is the value of 'a'?

- (A) -6 (B) 32 (C) 128 (D) 6

(OSSSC CRE PEO & JA 2023)

10. Determine the value of 'a' when  $\sqrt[3]{5^a} = 25$

- (A) 3 (B) 6 (C) 9 (D) 12

(OSSSC RI 2021)

11.  $27^{1/3} \times \sqrt{\frac{1}{9}} \div 81^{-1/4} = ?$

- (A) 1 (B) 9 (C) 27 (D) 81

(OSSSC CRE 2021)

12. Find the value of  $\left(\frac{4}{9}\right)^{1/2} \times 64^{2/3} \times \left(1\frac{1}{3}\right)^{-1}$ ?

- (A) 4 (B) 8 (C) 16 (D) 32

(OSSSC RI 2021)

13. Which of the following numbers is the greatest?

- (A)  $(0.2)^2$  (B)  $1 \div 0.2$  (C)  $1/4$  (D)  $\sqrt{0.36}$

(OSSSC Livestock Inspector 2021)

14. If  $\sqrt{33} = 5.643$ , then the value of  $\sqrt{\frac{3}{11}}$  is?

- (A) 0.513 (B) 0.315  
 (C) 1.35 % (D) None of the above

(OSSSC Jr. Asst. 2018)

15. Find the value of  $\sqrt{\frac{5}{4}} - \sqrt{\frac{4}{5}}$

- (A) 1 (B)  $\frac{1}{20}$  (C)  $\frac{4\sqrt{5}}{9}$  (D)  $\frac{1}{2\sqrt{5}}$

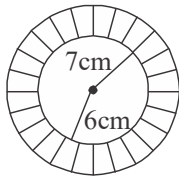
(OSSSC CRE 2021)

16. What is the value of  $\frac{1}{\sqrt{9} - \sqrt{8}}$ ?

- (A)  $\frac{1}{2}(3 - 2\sqrt{2})$  (B)  $\frac{1}{3 + 2\sqrt{2}}$

**MENSURATION**

01. The sum of 3 angles of a triangle is \_\_\_\_\_.  
(A) 270° (B) 90° (C) 360° (D) 180°  
(OSSSC CRE PEO & JA 2023)
02. The point of intersection of three median of triangle is called  
A. circumcentre B. incentre  
C. orthocenter D. centroid  
(OPRB Jail Warder 2022)
03. If each angle of a triangle is decreased by 10°, the ratio of three resultant angles will be 6 : 4 : 5. Find out the greatest angle of the triangle?  
(A) 50° (B) 60° (C) 70° (D) 80°  
(OSSSC RI 2021)
04. If perimeter of an equilateral triangle is 27 cm, what is the length of its sides?  
(A) 13cm, 7cm, 7cm (B) 10cm, 9cm, 8cm  
(C) 9cm, 9cm, 9cm (D) 10cm, 10cm, 7cm  
(OSSSC CRE PEO & JA 2023)
05. The length of three sides of a triangle are in the ratio of  $\frac{1}{2} : \frac{1}{3} : \frac{1}{4}$  and its perimeter is 78cm. Find the length of its sides.  
(A) 36cm, 22cm, 20cm (B) 36cm, 26cm, 16cm  
(C) 36cm, 24cm, 18cm (D) 32cm, 28cm, 18cm  
(OSSSC HAW/HEW 2016 & OSSSC CRE PEO / JA 2023)
06. Find the area of an equilateral triangle having sides of length 8 cm.  
(A)  $8\sqrt{3}$  cm<sup>2</sup> (B) 12 cm<sup>2</sup> (C) 24 cm<sup>2</sup> (D)  $16\sqrt{3}$  cm<sup>2</sup>  
(OSSSC HAW/HEW 2016)
07. If the perimeter of an equilateral triangle is 24m, then find out its area?  
(A)  $8\sqrt{3}$  m<sup>2</sup> (B)  $9\sqrt{3}$  m<sup>2</sup> (C)  $12\sqrt{3}$  m<sup>2</sup> (D)  $16\sqrt{3}$  m<sup>2</sup>  
(OSSSC Livestock Inspector 2021)
08. If the side of an equilateral triangle is decreased by 2cm, its area is decreased by  $11\sqrt{3}$  cm<sup>2</sup>. What is the height of the triangle?  
(A)  $3\sqrt{3}$  cm (B)  $4\sqrt{3}$  cm (C)  $5\sqrt{3}$  cm (D)  $6\sqrt{3}$  cm  
(OSSSC RI 2021)
09. Find the area of the triangle whose sides measure 13cm, 14 cm and 15 cm.  
(A) 74 cm<sup>2</sup> (B) 84 cm<sup>2</sup> (C) 54 cm<sup>2</sup> (D) 64 cm<sup>2</sup>  
(OSSSC CRE PEO & JA 2023)
10. If the area of a triangle is 250m<sup>2</sup> and the ratio of the base and the height is 4 : 5, then find its height.  
(A) 25m (B) 20m (C) 30m (D) 24m  
(OSSSC CRE 2021)
11. If 3 angles of a quadrilateral are 50°, 75° and 80, then find the remaining angle.  
(A) 180° (B) 65° (C) 155° (D) 90°  
(OSSSC CRE PEO & JA 2023)
12. If the ratio of the area of two squares is 3:27, then what is the ratio of their perimeters?  
(A) 1:9 (B) 1:81 (C) 1:3 (D) 4:36  
(OSSSC Excise Constable 2018)
13. Find the perimeter of a square having area 144cm<sup>2</sup>.  
(A) 12 cm (B) 36 cm (C) 24 cm (D) 48 cm  
(OSSSC CRE PEO & JA 2023)
14. If the area of a square size field is 133.6336 sq. meter, what is its perimeter?  
(A) 48.24 m (B) 46.42 m  
(C) 46.24 m (D) 46.32 m  
(OSSSC RI & Amin 2015)
15. If the diagonal of a square is 24cm, then its area is \_\_\_\_?  
(A) 284cm<sup>2</sup> (B) 278cm<sup>2</sup> (C) 288cm<sup>2</sup> (D) 298cm<sup>2</sup>  
(OSSSC SFS 2016)

17.  $a_1^2 + a_2^2 = 400 + 441 = 841$   
 $\Rightarrow A^2 = 841 \Rightarrow A = 29$   
 If it is fenced @Rs.5 per meter,  
 expenditure = perimeter  $\times$  Rs. per meter  
 $= 4 \times 29 \times 5$
18. Area of the rectangle =  $l \times b = 12 \times 10 = 120\text{cm}^2$   
 Perimeter of the rectangle =  $2(l+b) = 2(12+10) = 44\text{cm}$
19.  $l_1 b_1 = l_2 b_2 = l_3 b_3 = k$   
 $b_1 = k/l_1, b_2 = k/l_2, b_3 = k/l_3$   
 $\therefore b_1 : b_2 : b_3 = k/l_1 : k/l_2 : k/l_3 = 1/l_1 : 1/l_2 : 1/l_3$   
 $= 1/24 : 1/12 : 1/8$   
 $= (1/24) \times 24 : (1/12) \times 24 : (1/8) \times 24 = 1 : 2 : 3$
20. Area of the rectangular field =  $5x \times 4x = 18000\text{m}^2$   
 $\Rightarrow 20x^2 = 18000 \Rightarrow x^2 = 900 \Rightarrow x = 30$   
 $\therefore$  Length =  $5x = 5 \times 30 = 150\text{cm}$   
 Breadth =  $4x = 4 \times 30 = 120\text{cm}$
21. ATQ,  $5x - 4x = 20 \Rightarrow x = 20$   
 $\therefore$  Length =  $5x = 5 \times 20 = 100\text{cm}$   
 Breadth =  $4x = 4 \times 20 = 80\text{cm}$   
 Perimeter of the field =  $2(l+b) = 2(100+80) = 360\text{cm}$
22. Length =  $1.5 \times$  Breadth  
 $l/b = 3/2$   
 Area =  $l \times b = 3x \times 2x = 1350$   
 $\Rightarrow 6x^2 = 1350 \Rightarrow x^2 = 225 \Rightarrow x = 15$   
 Length =  $3x = 3 \times 15 = 45$   
 Breadth =  $2x = 2 \times 15 = 30$   
 $\therefore$  Perimeter =  $2(l+b) = 2(45+30) = 150\text{cm}$
23. 1m ..... 45 paise  
 18m .....  $18 \times 45$  paise = Rs. 8.10 per pc  
 No. of carpet of dimension  $18\text{m} \times 75\text{cm}$  required to carpeting the room = Rs.81/Rs.8.10 paise per pc = 10  
 $\therefore$  The breadth of the room =  $75\text{cm} \times 10 = 750\text{cm} = 7.5\text{m}$
24. Diameter =  $2r$  Radius =  $r$   
 Area of the circle =  $\pi r^2$
25. Diameter =  $R$  Radius =  $R/2$   
 Area of the circle =  $\pi (R/2)^2 = \pi R^2/4$
26.  $\frac{\pi R_1^2}{\pi R_2^2} = \frac{9}{49} \Rightarrow \frac{R_1}{R_2} = \frac{3}{7}$   
 $R_1 : R_2 = 3 : 7$   
 Ratio between their circumference =  
 $2\pi R_1 : 2\pi R_2 = R_1 : R_2 = 3 : 7$
27. Diameter = 168 Radius =  $168/2 = 84$   
 Circumference =  $2 \times (22/7) \times 84 = 528\text{cm}$   
 1 revolution ..... 528cm  
 100 revolutions .....  $52800\text{cm} = 528\text{m}$
28. Diameter of two concentric circles are 14cm & 12cm and radius of two concentric circles are 7cm & 6cm  
 Area of the region between  
 $= \pi (7)^2 - \pi (6)^2$   
 $= \pi (7^2 - 6^2) = \pi (7+6)(7-6)$   
 $= 13\pi \text{ cm}^2$
- 
29. Circumference of external circular road  
 $= 2\pi R_1 = 396$   
 $\Rightarrow R_1 = 396 \times (7/22) \times (1/2) = 63\text{cm}$   
 Circumference of internal circular road  
 $= 2\pi R_2 = 310$   
 $\Rightarrow R_2 = 310 \times (7/22) \times (1/2) = 56\text{cm}$   
 Width of the road =  $63 - 56 = 7\text{cm}$
30. Radius of the playground = 21mtr  
 Circumference of the playground =  $2 \times (22/7) \times 21$   
 $= 132\text{m}$   
 To cover 132mtr, total time of rest for covering the circumference of the playground =  $132/3 - 1$   
 $= 44 - 1 = 43 \text{ min}$

## VOCABULARY

### MIS-SPELT WORD

**Instruction for questions 01 to 04: Find out the wrongly spelt word.**

(OSSSC Jr. Asst. & PEO 2023)

01. (A) Usual (B) Actual (C) Arival (D) Approval  
 02. (A) Patrol (B) Incom (C) Village (D) Enough  
 03. (A) Independenc (B) Foreigner  
 (C) Partition (D) Trader  
 04. (A) National (B) Anthem  
 (C) Business (D) Trycolour

**Instruction for questions 05 to 09: Find out the correctly spelt word.**

(OSSSC Jr. Asst. & PEO 2023)

05. (A) Application (B) Applection  
 (C) Aplication (D) Applicasion  
 06. (A) Addmision (B) Admission  
 (C) Admision (D) Admmision  
 07. (A) Wellcome (B) Welcom  
 (C) Welcome (D) Wellcom  
 08. (A) Urggent (B) Urrgent  
 (C) Urrgent (D) Urgent  
 09. (A) Unintelligible (B) Indellible  
 (C) Ilegible (D) Incorrigible

(OSSSC Junior Stenographer 2015)

10. Odisha has witnessed the \_\_\_\_\_ of a number of severe cyclones in the recent years.  
 (A) occurrence (B) occurence  
 (C) occurence (D) occurance

(OSSSC VAW & HEW 2016)

**Instructions for questions No. 11 to 22: Fill in the blanks with appropriate and correctly spelt words.**

11. My father is staying in a hired \_\_\_\_\_ at Bhubaneswar.

(A) acommodation (B) accommodation  
 (C) accomodation (D) accomodasion

(OSSSC VAW & HEW 2016)

12. Gandhiji's death was an \_\_\_\_\_ loss to the country.

(A) irrepairable (B) irepairable  
 (C) irreparable (D) irriparable

(OSSSC CRE 2021)

13. The patient is admitted in hospital for acute

(A) diarrhoea (B) diarrhea  
 (C) diarhia (D) dyrrhoea

(OSSSC CRE 2021)

14. The boy was punished for \_\_\_\_\_ of similar mistakes.

(A) repitition (B) repeatation  
 (C) repitation (D) repetition

(OSSSC CRE 2021)

15. The terrible news of Indira Gandhi's \_\_\_\_\_ spread like a flash of lightening across the world.

(A) asassination (B) assasination  
 (C) assasination (D) asasination

(OSSSC CRE 2021)

16. The black cobra is a \_\_\_\_\_ snake.

(A) venomus (B) venomous  
 (C) vanomous (D) vanomus

(OSSSC Livestock-Inspector-2021)

17. An owl is a \_\_\_\_\_ bird, whose species are almost \_\_\_\_\_ now.

(A) nocturnal, extinct (B) noctoral, extint  
 (C)nockurnal, extinct (D) noctoral, extinguish

(OSSSC RI 2021)

## VOCABULARY

18. Death of Sushant Singh Rajput has caused not only a \_\_\_\_\_ in Indian film industry but also much \_\_\_\_\_ for the investigating police team.

(A) vaccum, embarassment  
(B) vacuum, embarrassment  
(C) vaccuum, embarrasment  
(D) vacume, embarrassment

(OSSSC RI 2021)

19. During winter, a large number of \_\_\_\_\_ birds, both colourful and \_\_\_\_\_ from Siberia to Chilika Lake.

(A) migratory, exotic      (B) migretory, excotic  
(C) migretery, esoteric      (D) migrotery, extinct

(OSSSC RI 2021)

20. The clerk dealing with \_\_\_\_\_ works of the office is occasionally seen in this \_\_\_\_\_

(A) misllaneous, resturant  
(B) miscelaneous, restaurant  
(C) miscellaneous, restaurant  
(D) miscellaneous, resturant

(OSSSC RI 2021)

21. Frequent power failure in the examination centre caused much \_\_\_\_\_ to the \_\_\_\_\_ invigilators and examiners.

(A) inconvenience, superintendant  
(B) inconvenience, superintendent  
(C) inconvenice, superintandent  
(D) inconvenience, suprintendent

(OSSSC RI 2021)

22. Any \_\_\_\_\_ or \_\_\_\_\_ in the affidavit will attract penalty.

(A) ommission, commission  
(B) omission, Commission

(C) omission, comission  
(D) ommision, commision

(OSSSC CRE 2021)

## ONE WORD SUBSTITUTION

**Give one word substitute for this sentences**

23. A person who sells cut flowers is called a:

A. botanist      B. horticulturist  
C. florist      D. none of the above

(Odisha Fireman (Driver) Exam 2023)

24. A person whose job is to make sure that a match is played fairly and the rules are not broken is called:

A. a lineman      B. a curator  
C. a scorer      D. an umpire

(Odisha Fireman (Driver) Exam 2023)

25. A period of ten years is called a:

A. century      B. decade  
C. millennium      D. none of the above

(Odisha Fireman Exam 2023)

26. A person who studies human societies and cultures is called:

A. a philologist      B. a pathologist  
C. a humanist      D. an anthropologist

(Odisha Fireman Exam 2023)

27. A person who always believes that good things will happen.

A. Misogynist      B. Optimist  
C. Philanthropist      D. Pessimist

(OSSSC Junior Asst. 2018)

28. His writing is such that cannot be read. (Substitute one word for the underlined words.)

(A) legible      (B) ineligible  
(C) illegible      (D) eligible

## VOCABULARY

67. Identify the wrongly matched pair.

(A) Congregation Congratulation

(B) Tranquility Placidity

(C) Solitude Seclusion

(D) Mob Mass

(A) unbelieve

(C) disbelieve

(B) misbelieve

(D) imbelieve

(OPRB Jail Warder- 25th Dec 2022-SL-2A)

(OSSSC Jr. Stenographer 2015)

68. Match the Words given under Column-I with the Meanings given under Column-II.

Sl.No. Column-I

Column-II

1 Indispensable

i. contrary to principle but useful for specific situation

2 Expedient

ii. done mechanically without care and interest

3 Perfunctory

iii. something that cannot be avoided

4 Scrupulous

iv. careful of not doing anything wrong or immoral

(A) 1-iii, 2-i, 3-ii, 4-iv

(B) 1-ii, 2-iv, 3-iii, 4-i

(C) I-i, 2-iii, 3-iv, 4-ii

(D) 1-iv, 2-ii, 3-i, 4-iii

(OSSSC Jail Warder 2017)

69. He fall from the tree, but fortunately he was \_\_\_\_\_.

(A) mishurt (B) inhurt (C) unhurt (D) dishurt

(OPRB Jail Warder- 22nd Dec 2022-SL-1A)

70. He doesn't know reading or writing. He is \_\_\_\_\_.

(A) misliterate

(B) illiterate

(C) inliterate

(D) disliterate

(OPRB Jail Warder- 24th Dec 2022-SL-3B)

71. I \_\_\_\_\_ you because you have cheated me again.

72. A car that only uses a small amount of petrol is \_\_\_\_\_.

(A) Economics

(B) Economical

(C) Economist

(D) Economy

(OPRB Jail Warder- 27th Dec 2022-SL-3C)

**(Choose the most appropriate pairs of words to complete the sentence)**

73. The police resorted to firing to disperse the violent mob.

(A) strike, pilgrims

(B) punish, people

(C) dispel, crowd

(D) pacify, gathering

(OSSSC RI 2021)

74. In his speech he vowed to.....the four billion unbanked individuals across the world into the..... of financial inclusion.

(A) bring. realm

(B) target, area

(C) represent. sphere

(D) engage, achievement

(OSSSC Junior Clerk 2017)

75. They have been.....on incentives to.....these practices are implemented at grass root level.

(A) relying, ensure

(B) improving, secure

(C) advocating, confirm

(D) debating, necessitate

(OSSSC Junior Clerk 2017)

**(Choose the most appropriate pairs of verbs to Complete the sentence)**

76. A committee has been ..... to .....the city into an international trade center.

(A) converged, evaluate

(B) appointed, oversee

(C) constituted. Transform (D) inducted, change

(OSSSC Junior Clerk 2017)

comprehend.

“Amazing” - something or someone that causes great wonder, surprise, or astonishment.

47. Novice -someone who is new or inexperienced in a particular activity, skill, or field

51. “Penultimate” means second to last. It refers to the item or occurrence that comes immediately before the last one in a sequence.

53. “Malignant” is an adjective that describes something harmful, dangerous, or malevolent in nature.

“Benign” is an adjective that is used to describe something that is gentle, kind, and not harmful.

54. Justice” refers to the quality of being fair and impartial.

Unfairness” refers to a lack of fairness or justice.

55. Criticism - Expressing disapproval, pointing out flaws or shortcomings, and offering feedback or suggestions for improvement.

56. “Populous” is an adjective that describes something as being densely populated or having a large population.

“Isolated” is an adjective that describes something as being separated, detached, or set apart from others.

57. “Deadly” is an adjective that means capable of causing death or extremely harmful.

58. “crooked” is used to describe behavior that is dishonest, deceitful, or morally corrupt.

59. Loyalty refers to a strong sense of allegiance, faithfulness, or devotion to a person, group, cause, or organization.

Betrayal refers to the act of breaking trust, violating loyalty, or deceiving someone who had placed confidence or faith in you.

60. “Gather” is a verb that means to collect, assemble, or bring together.

“Disperse” is a verb that means to scatter, spread out, or distribute widely.

61. Priceless” is an adjective used to describe something that is so valuable or precious that its worth cannot be accurately determined by monetary measures.

“Cheap” is an adjective that typically refers to something that is low in cost or inexpensive.

62. Extravagant means spending money or using resources excessively or in a wasteful manner.

Thrifty means spending money or using resources carefully and not wastefully.

63. Pertinent means relevant, important or applicable to a particular matter.

Irrelevant means not connected with or relevant to something.

64. ‘accelerate’ means to increase speed or cause something to happen faster.

‘Reduce’ means to make something smaller or less in amount, degree, size etc.

65. Options A and B consist of abstract nouns and option D consists of nouns representing people or roles. Thus, option C is the series that does not match with the others because it consists of adjectives while the other options consist of nouns.

66. Options A, B, and C consist of adjectives describing specific qualities. Option D consists of nouns.

67. A) Congregation - Congratulation

Congregation means a group of people assembled for religious worship.

Congratulation means the act of expressing pleasure or approval for someone’s success or good fortune.

These words are not synonyms and have different meanings.

B) Tranquility - Placidity

Tranquility means a state of peace and calm.



**Passage No. 1**

**Read the following passages and answer the questions based on them by choosing the correct options.**

Evolution has designated vultures to be the ultimate scavengers. Enormous wingspans allow them to circle in the air for hours. Their beaks, while rather horrifying, are weak by bird standards, made to scoop and eat flesh. However unappealing they may seem; vultures serve an important role in the ecological cycle: processing the dead bodies of animals.

Only 20 years ago, India had plenty of vultures—flocks so enormous that they darkened the skies. But by 1999, their numbers had dropped due to a mysterious kidney ailment. By 2008, 99.9 per cent of India's vultures were gone. It was finally discovered that they had been killed by a drug called diclofenac (a pain reliever along the lines of aspirin or ibuprofen). Indians revere their cows, and when a cow showed signs of pain, they treated it with diclofenac. After the animal died, the vultures would eat the corpse. And though they boast of, perhaps, the world's most efficient digestive system, the vultures cannot digest the drug. India banned the use of diclofenac for veterinary use in 2006, but it's still widely used. The near-extinction of vultures has caused disease in the country, as rats and dogs moved in to take their place—spreading pathogens that would have otherwise been destroyed by the vultures. Vultures need large ranges to scan for food and undisturbed areas in which to nest. They also need an abundance of prey species since they rely more on chance than their own hunting skills to eat. All of these things have been reduced by human activity. Meanwhile, there is a dramatic increase in secondary poisoning. Vultures feed on carcasses laced with poison, intended to kill jackals or other predatory carnivores or they are poisoned by the lead in animals left behind by hunters.

**(Odisha Fireman Exam 2023)**

01. Vultures serve an important role in the ecological cycle as:
  - A. they eat less
  - B. they process the dead bodies of animals
  - C. they help maintain food webs
  - D. they clear grounds with their wings
02. The reason behind vultures dying is:
  - A. they feed on carcasses laced with poison, intended to kill jackals or other predatory carnivores.
  - B. they process the dead bodies of animals
  - C. they don't have enough open space to fly
  - D. they clear grounds with their wings
03. Why are the vultures' beaks considered weak?
  - A. they are of no use
  - B. they are meant to scoop and eat flesh only
  - C. they are used to kill their prey
  - D. none of them
04. What is the most alarming fact given in the passage about the vultures?
  - A. they cannot digest diclofenac
  - B. they eat corpse
  - C. they are enormous
  - D. they have weak beaks
5. Which of the following things, necessary for vultures, reduced by human activities?
  - A. large areas to scan for food
  - B. undisturbed place for building nests
  - C. large number of preys
  - D. all of them

B) Discharged agricultural slurry is pollutant and decomposed slurry in soil is fertilizer.

C) Sprayed slurry is pollutant and watercourse is fertilizer.

D) None of the above expressions is correct in this context.

127. According to the passage, what are the effects of indiscriminate use of fertilizers?

I. Addition of pollutants to the soil and water.

II. Destruction of decomposer micro-organisms in soil.

III. Nutrient enrichment of water bodies.

IV. Creation of algal blooms.

Select the correct answer from the codes given below :

A) I, II and III only

B) I, III and IV only

C) II and IV only

D) I, II, III and IV

128. What is/are characteristics of a water body with cultural eutrophication?

I. Loss of ecosystem services

II. Loss of flora and fauna

III. Loss of mineral nutrients

Select the correct using the code given below:

A) I only

B) I and II only

C) II and III only

D) I, II and III

129. What is the central theme of this passage?

A) Appropriate legislation is essential to protect the environment.

B) Modern agriculture is responsible for the destruction of environment.

C) Improper waste disposal from agriculture can destroy the aquatic ecosystems.

D) Use of chemical fertilizers is undesirable in agriculture.

130. According to the passage, why should the discharge of agricultural slurry into water- courses be restricted?

I. Losing nutrients in this way is not a good practice economically.

II. Watercourses do not contain the microorganisms that can decompose organic components of agricultural sherry

III. The discharge may lead to the eutrophication of water bodies. Select the correct answer using the codes given below :

A) I only

B) II and III only

C) I and III only

D) I, II and III

### Passage No. 22

**Read the following passage and answer the questions given below.**

Socrates, the great Greek philosopher, stayed in prison for thirty days before he was finally executed. During this period of confinement, his friends and pupils used to visit him regularly. They always found him in calm and cheerful mood. He talked and taught his pupils as usual. He had no fear of death. One of his pupils bribed the jailor to let Socrates escape from the prison. But Socrates wouldn't. On the day of execution, his friends and pupils were in tears, but he was seen calm and cheerful as before. The Greeks used to execute people by making them drink a deadly poison called 'hemlock'. To every body's utter surprise, Socrates took the cup of hemlock and drank it like a glass of water. At last, Socrates went calmly to death without weeping or complaining.

**(OSSSC CRE 2021)**

131. What is the meaning of the underlined word in the passage?

(A) unhappiness

(B) excitement

(C) imprisonment

(D) depression

**ARTICLE**

**(Fill in the blank with appropriate Article.)**

01. Sunabeda is \_\_\_\_\_ unique place.  
(A) a (B) an (C) the (D) none of the above  
(Odisha Fireman (Driver) Exam 2023)
02. John Hawkins is \_\_\_\_\_ European.  
(A) an (B) a (C) the (D) none of these  
(OSSSC Livestock-Inspector-2021)
03. \_\_\_\_\_ boy is \_\_\_\_\_ ideal student in the class.  
(A) A, the (B) A, an (C) The, an (D) An, the  
(OSSSC VAW & HEW 2016)
04. .... camel can go ..... long distance without water.  
(A) the, a (B) A, the (C) A, a (D) None of the above  
(OSSSC Junior Asst. 2018)
05. I found ..... book last night, ..... book is very useful.  
(A) the, a (B) the, the (C) a, the (D) a, a  
(OSSSC Junior Asst. 2018)
06. \_\_\_\_\_ earth revolves round \_\_\_\_\_ sun.  
(A) The, a (B) An, the (C) a, a (D) The, the  
(OSSSC RI 2021)
07. \_\_\_\_\_ bird in hand is worth two in \_\_\_\_\_ bush.  
(A) The, the (B) A, the (C) The, a (D) A, a  
(OSSSC RI 2021)
08. Dasaratha, \_\_\_\_\_ king of Ayodhya, was \_\_\_\_\_ humble king.  
(A) the, an (B) the, a (C) a, a (D) a, an  
(OSSSC RI 2021)
09. \_\_\_\_\_ honest man is \_\_\_\_\_ asset to the society.  
(A) The, a (B) An, the (C) An, an (D) The, the  
(OSSSC RI 2021)

10. Kalidasa, \_\_\_\_\_ great Sanskrit poet, is \_\_\_\_\_ Shakespeare of our country.  
(A) a, a (B) the, the (C) the, a (D) a, the  
(OSSSC RI 2021)
  11. \_\_\_\_\_ sun rises in \_\_\_\_\_ east.  
(A) A, an (B) The, the (C) The, an (D) A, the  
(OSSSC RI 2021)
  12. Select the correct one of the following sentences without any mistake in the use of article/s.  
A) I met an European in my school.  
B) I met a European in my school.  
C) I met with European in my school.  
D) I met European in my school.  
(OSSSC Junior Clerk 2015)
- (Pick out the correct Articles to rectify the sentence if required)**
13. Neil Armstrong was first man to walk on moon.  
(A) the & a (B) an & the  
(C) a & an (D) none of these  
(OSSSC Jail Warder 2017)
  14. Time we live ought not to be computed by number of years we live but by use that has been made of it.  
A) the, a & an (B) the & a  
C) the, the & the (D) not required  
(OSSSC Junior Clerk 2015)
  15. Tiger, animal equal to lion in size, is native of Asia.  
A) the & an (B) the, an & a  
C) the & a (D) none of these  
(OSSSC Junior Clerk 2015)
  16. My sister who is doctor in foreign country has written useful article on dentistry.  
(A) a, a & a (B) a, an & the  
(C) a, a & an (D) not required  
(OSSSC Junior Stenographer 2015 & OSSSC SFS 2016)

## GRAMMAR

**(Fill in the blank with correct form of verb.)**

- |   |   |
|---|---|
| <p>01. _____ you mind lending me your pen for a while?<br/>(A) could (B) should (C) may (D) would<br/>(Odisha Fireman Exam 2023)</p> <p>02. One _____ obey the order of the senior officer.<br/>(A) must (B) can (C) may (D) would<br/>(Odisha Fireman (Driver) Exam 2023)</p> <p>03. The notice was published in order that all _____ know the facts.<br/>(A) may (B) should<br/>(C) might have known (D) might<br/>(OSSSC Junior Clerk 2015)</p> <p>04. They erected signposts in order that the road _____ be known.<br/>(A) will (B) would (C) can (D) may<br/>(OSSSC Junior Clerk 2015)</p> <p>05. We _____ always respect our elders.<br/>(A) could (B) should (C) can (D) may</p> <p>06. I _____ have won the match; but sadly I lost.<br/>(A) Will (B) dare to (C) need to (D) could</p> <p>07. There _____ be a famous sweet shop here 20 years back.<br/>(A) was to (B) would (C) used to (D) should</p> <p>08. All students _____ obey the school regulations to maintain discipline.<br/>(A) must (B) are able to (C) could (D) will</p> <p>09. The most important of all my goals _____ to learn English.<br/>(A) is (B) are (C) be (D) have been<br/>(Odisha Fireman Exam 2023)</p> <p>10. His clothing _____ very attractive.<br/>(A) is (B) are (C) has (D) have<br/>(Jail Warder- 25th Dec 2022-SL-3B)</p> | <p>11. A number of children _____ suffering from cold.<br/>(A) is (B) are (C) has (D) have<br/>(Jail Warder- 27th Dec 2022-SL-1B)</p> <p>12. The rise and fall of the tide due to lunar eclipse.<br/>(A) were (B) was (C) are (D) is<br/>(OSSSC Jail Warder 2017)</p> <p>13. The audience _____ requested to leave by the nearest exit.<br/>(A) is (B) was (C) are (D) has been<br/>(Jail Warder- 25th Dec 2022-SL-2A)</p> <p>14. There _____ a whole regiment of people here to see you.<br/>(A) is (B) are (C) were (D) have been<br/>(Jail Warder- 24th Dec 2022-SL-1B)</p> <p>15. Sixty years _____ a long time for a country to go and prosper.<br/>(A) is (B) are (C) were (D) shall<br/>(OSSSC CRE 2021)</p> <p>16. The crew _____ rescued from the sunken ship.<br/>(A) was (B) is (C) were (D) am<br/>(OSSSC CRE 2021)</p> <p>17. A herd of cattle _____ grazing in our field since morning.<br/>(A) has been (B) are (C) was (D) have been<br/>(OSSSC SFS 2016)</p> <p>18. A pair of shoes _____ lying in the corner.<br/>(A) are (B) were (C) is (D) am<br/>(OSSSC CRE 2021)</p> <p>19. The poultry _____ not been fed.<br/>(A) has (B) is (C) are (D) have<br/>(OSSSC Livestock-Inspector-2021)</p> |
|---|---|

simple past tense “left” correctly points to the specific action that occurred in the past.

45. “Will miss” indicates a future action (missing the train) that will happen if the present condition (not hurrying) continues.
46. “as the day got hotter” indicating that the event happened over a period of time in the past. Therefore, the past continuous tense “was getting” is the correct option because “the crowd” is a singular subject.
47. Simple present tense “gets up” is appropriate to describe a habitual or regular action.
48. The past perfect tense “had done” is used to indicate that Anita completed her work before the other event (his arrival) in the past.
49. The structure for conditional sentences is “if + past perfect, would have + past participle.” Hence, “had worked” is the correct past perfect form, and “would have passed” is the correct form to indicate the hypothetical result.
50. The sentence describes two actions in the past where one action was completed before the other. The past perfect tense “had finished” is used to indicate the earlier action, and the simple past tense “ordered” is used for the action that followed.
51. The past perfect tense “had left” is used to indicate that this action was completed before another past action, which is described by the simple past tense “arrived.” This sequence correctly shows that the leaving occurred before the friend’s arrival.
52. The present perfect tense “have made” indicates an action that was completed at some point in the past but is relevant to the present. The future passive “shall be kept” indicates that the promise will be maintained faithfully.
53. The present simple tense “wears” is used to describe Nirmala’s habitual action of wearing white shirts. The present continuous tense “is wearing” is used to describe what she is doing at the current moment, which is wearing a green shirt.
54. The simple past tense “asked” describe a completed action in the past.  
  
Having + past participle “having seen” is used after the verb “admitted” to indicate the action that nobody admitted to.
55. The past perfect tense “had left” indicates an action that was completed before another action in the past, which is indicated by the simple past tense “reached.”
56. The present continuous tense “am going” is used to indicate a planned action in the future. The verb “recommend” fits contextually, as it suggests that someone advised the speaker to see a particular doctor.
57. “I wish” is often followed by the past simple or the past continuous, but when expressing a desire for a specific action to happen (like stopping raining), “would + base verb” is used.
58. “be going to + Verb base form “ is used to indicate a future event that is based on present evidence.
59. When we talk about something which is purely imaginary, then If + Simple past, Subject + would + V<sub>1</sub>  
  
This sentence used for hypothetical situations in the present or future. In this type of conditional, the verb “to be” takes the subjunctive form “were” for all subjects.
60. The use of “didn’t” reflects the past tense of “do not” and is appropriate for expressing a wish or regret about a present or future situation. In this context, the speaker wishes they didn’t have to work tomorrow, but they acknowledge that they do.
61. The sentence talk about unreal situations in the past. In this case, the condition “if she had the time” refers to a situation that did not happen in the past.

**NARRATION CHANGE****Instructions for questions from No. 01 to 23:****(Choose the correct one in indirect speech.)**

01. The teacher said, "Honesty is the best policy."

- (A) The teacher said that honesty was the best policy.
- (B) The teacher said that honesty is the best policy.
- (C) The teacher said that honesty should be the best policy.
- (D) The teacher said that honesty would be the best policy.

(OSSSC RI 2021)

02. The teacher said to me, "You are wrong."

- (A) The teacher said to me that you were wrong.
- (B) The teacher told me that you were wrong.
- (C) The teacher told me that he was wrong.
- (D) The teacher told me that I was wrong.

(OSSSC CRE 2021)

03. He said, "I knew the. man."

- (A) He said that he knew the man.
- (C) He said that he had known the man.
- (B) He said that he knows the man.
- (D) He said that he was knowing the man.

(OSSSC VAW &amp; HEW 2016)

04. He said, "I saw her the day before yesterday".

- (A) He said that he saw her the day before yesterday.
- (B) He said that he had seen her two days before.
- (C) He said that he had seen her one day before yesterday.
- (D) He said that he has seen her two days before yesterday.

(OSSSC Junior Asst. 2018)

05. The woman said to her husband, "I met the boy on the road today."

- (A) The woman told her husband that she met the boy on the road today.
- (B) The woman told to her husband that she had met the boy on the road that day.
- (C) The woman informed her husband that she had met the boy on the road that day.
- (D) The woman informed her husband that she met the boy on the road that day.

(OPRB Jail Warder- 25th Dec 2022-SL-3B)

06. Rama said to me, "You will be rewarded".

- (A) Rama told me that you will be rewarded.
- (B) Rama told me that I would be rewarded.
- (C) Rama told me that I will be rewarded.
- (D) Rama told me that he will be rewarded.

(OSSSC RI 2021)

07. "I must go soon", said Sarita.

- (A) Sarita said she has to go soon.
- (B) Sarita said that she must have gone soon.
- (C) Sarita said she would have gone soon.
- (D) Sarita said that she would have to go soon.

(OPRB Jail Warder- 27th Dec 2022-SL-3C)

08. He said to me, 'Wait until I come'.

- (A) He asks me to wait until he came.
- (B) He told me to wait until I came.
- (C) He ordered me to wait until he came.
- (D) He asked me to wait until I had come.

(OSSSC Jail Warder 2017)

09. The teacher said to the boy, "Leave the room at once"

- (A) The teacher forced the boy to leave the room at once.



07. Anyone can do it easily.

- (A) It can be done by easily anyone.
- (B) It can be easily done by anyone.
- (C) It can be done easily by anyone.
- (D) Can it be done easily by anyone?

(OSSSC Junior Asst. 2018)

**Instructions for questions from No. 09 to 16 : Read the sentences and change their voice from active to Passive or vice versa.**

(OSSSC RI 2021)

08. The teacher made him stand up in the' class.

- (A) The teacher was made him stand up in the class.
- (B) He was made stand up by the teacher in the class.
- (C) He was made to stand up by the teacher in the class.
- (D) He had been made to stand up by the teacher in the class.

09. I saw the monkeys climbing the tree.

- (A) The monkeys were seen climbing the tree.
- (B) The tree was seen the monkeys climbing.
- (C) The monkeys were seen to climb the tree.
- (D) The monkeys was seen to climb the tree.

10. The poor should be helped.

- (A) You should help the poor.
- (B) He should help the poor.
- (C) They should help the poor.
- (D) One should help the poor.

11. It was proposed to hold a meeting.

- (A) They proposed to hold a meeting.
- (B) They proposed it to hold a meeting.
- (C) The proposed to be held a meeting.
- (D) They had proposed to hold a meeting.

12. The prizes were given away by the chief guest.

- (A) The chief guest was giving away the prizes.
- (B) The chief guest gave away the prizes.
- (C) The chief guest was given away the prizes.
- (D) The prizes were given to the chief guest.

13. The room needs repairing.

- (A) The room needs to be repaired.
- (B) Repairing is needed for the room.
- (C) The room is being repaired.
- (D) The room has been repaired.

(OSSSC CRE 2021)

14. I remember my sister taking me to the museum when I was a child.

- (A) I remember I was taken to the museum by my sister when I was a child.
- (B) I remembered being taken to the museum by my sister when she was a child.
- (C) I remember being taken to the museum by my sister when I was a child.
- (D) I remember taken to the museum by my sister during nay childhood.

(OSSSC Junior Clerk 2017)

15. Why should he be suspected for the theft?

- (A) Why should they suspected him for the theft?
- (B) Why did we suspect him for the theft?
- (C) Why should we suspect him for the theft?
- (D) Why shall we suspect him for the theft?

(OSSSC Junior Clerk 2015)

16. He was arrested on charge of theft but released for want of evidence.

- A) The Police arrested him on charge of theft but released for want of evidence.

57. Find out one of the four pairs given below of noun in its singular and plural form which is incorrect.
- |        |                 |                |  |
|--------|-----------------|----------------|--|
| Sl.No. | Noun (Singular) | Noun(Plural)   |  |
| A.     | wife            | wives          |  |
| B.     | leaf            | leaves         |  |
| C.     | wolf            | wolves         |  |
| D.     | handkerchief    | handkerchieves |  |
- (OSSSC Junior Clerk 2015)
58. Pick out the incorrect one of following pairs of Nouns in their masculine and feminine forms.
- |        |                 |                |  |
|--------|-----------------|----------------|--|
| Sl.No. | Noun(masculine) | Noun(feminine) |  |
| A      | prince          | princess       |  |
| B      | widow           | widower        |  |
| C      | conductor       | conductress    |  |
| D      | bachelor        | bacheloress    |  |
- (OSSSC Junior Clerk 2015)
59. What is the feminine gender of 'fox'?
- (A) bitch (B) ewe (C) heifer (D) vixen
- (OSSSC CRE 2021)
60. What is the feminine gender of bullock?
- (A) ewe (B) vixen (C) heifer (D) filly
- (OSSSC VAW & HEW 2016)
61. .... I win, . .... .. you lose.
- (A) Heads , tail (B) Head , tails
- (C) Heads , tails (D) Head , tail
- (OSSSC Junior Asst. 2018)
62. The dentist cleaned my \_\_\_\_\_ with some liquid.
- (A) teeth (B) teeths (C) tooth (D) tooths
- (OSSSC PEO & JA 2023)
63. Identify the incorrect one of the following possessive cases.
- (A) The King of Bhutan's visit
- (B) In a year's time
- (C) Karim and Salim's bakery
- (D) The Table's top
- (OSSSC Junior Clerk 2017)
64. The box is too heavy to be lifted. (Remove too from the sentence and find the correct one from the choices given)
- (A) The box is very heavy to be lifted.
- (B) The box is very very heavy to lift.
- (C) The box is so heavy that it cannot be lifted.
- (D) The box is very heavy that it cannot be lifted.
- (OSSSC Junior Asst. 2018)
65. He is too weak to walk.
- (Rewrite the sentence removing 'too')
- (A) He is so weak that he cannot walk.
- (B) He is very weak to walk.
- (C) He is weak enough to walk.
- (D) He is so weak to walk.
- (OSSSC RI 2021)
66. He said God bless you with all success (Pick out the correct punctuation marks in sequence to complete it)
- (A) .& ? (B) ,& ?
- (C) ,& “ “ (D) : & “ “
- (OSSSC Junior Stenographer 2015)
67. Keeping in mind the \_\_\_\_\_ to develop the sector, the government has actively solicited Foreign \_\_\_\_\_ .



ପ୍ରଶ୍ନ 01 ରୁ 26 : ଏକ ପଦରେ ପ୍ରକାଶ କର ।

01. ଦୁର୍ଲ୍ଲଭ୍ୟ :

- A. ଯାହାକୁ ସହଜରେ ଲଙ୍ଘନ କରିହେବ ।
- B. ଯାହାକୁ ଲଙ୍ଘନ କରିବା ସହଜ ।
- C. ଯାହାକୁ ଲଙ୍ଘନ କରିହେବ ନାହିଁ ।
- D. ଯାହାକୁ ଲଙ୍ଘନ କରାଯାଇପାରେ ।

02. ଶାରୀରିକ :

- A. ଯାହା ଶରୀରକୁ ବୁଝାଏ ।
- B. ଯାହା ଶରୀର ସମ୍ବନ୍ଧୀୟ ।
- C. ଶରୀରଠାରୁ ଯାହା ଭିନ୍ନ ।
- D. ଅଭିନ୍ନ ଶରୀର କଥା ।

03. ଅକ୍ଷୁଣ୍ଣ :

- A. ଯାହା କ୍ଷୁଣ୍ଣ ହୋଇନାହିଁ ।
- B. ଯାହା କ୍ଷୁଣ୍ଣ ହୋଇନାହିଁ ।
- C. ଯାହା କ୍ଷୁଣ୍ଣ ହୋଇନାହିଁ ।
- D. ଯାହା କ୍ଷୀଣ ହୋଇନାହିଁ ।

04. ଯାହା ଘଟିବାର ସମ୍ଭାବନା ଅଛି :

- A. ଘଟଣୀୟ B. ଘଟଣ
- C. ଅବଶ୍ୟମ୍ଭାବୀ D. ଘଟଣା

05. ଧର୍ମାନ୍ତର :

- A. ଧର୍ମ ଓ ଅନ୍ତର B. ଧର୍ମରୁ ଅନ୍ତର
- C. ଅନ୍ୟ ଧର୍ମ D. ଧର୍ମର ଅନ୍ତର

06. ପଥର ଅର୍ଦ୍ଧ :

- A. ଅର୍ଦ୍ଧପଥ B. ପଥାର୍ଦ୍ଧ C. ପ୍ରଥାର୍ଦ୍ଧ D. ପଥାର୍ଦ୍ଧ

07. ମହାଯଶ :

- A. ମହତ ଅଟଇ ଯଶ
- B. ମହାନ୍ ଅଟଇ ଯଶ ଯାହାର
- C. ମହାନ୍ ଅଟେ ଯଶ
- D. ଯଶକୁ ମହତ୍ କୁହାଯାଏ

08. ସ୍ମୃତ :

- A. ଯାହା ସ ଯ କରାଯାଇଛି
- B. ଯାହା ସ ଯ ହେବା ଉଚିତ
- C. ଯେଉଁ ଗୁଡ଼ିକ ସ ଯ କରାଯିବ
- D. ଯାହା ସଂଗ୍ରହ କରାଯାଇଛି

09. ଯାହାର ବିକଳ ନାହିଁ :

- A. ଅବିକଳ B. ନବିକଳ
- C. ନାବିକଳ D. ବିକଳନାୟ

10. ତେଜର ଅଭାବ :

- A. ତେଜସ୍ୱୀ B. ତେଜହୀନ
- C. ତେଜୀୟ D. ଅତେଜ

11. ଯାହା ବହିଯାଉଥିବା ଅବସ୍ଥାରେ ଅଛି :

- A. ପ୍ରବାହିତ B. ପ୍ରବହିତ
- C. ପ୍ରବହମାନ D. ପ୍ରବହ୍ୟମାନ

12. ପିତାଙ୍କର ଶତ୍ରୁ :

- A. ପିତାଶତ୍ରୁ B. ପାତା ଶତ୍ରୁ
- C. ପି । ଶତ୍ରୁ D. ପିତା ସତ୍ରୁ

13. ଉଦ୍ଦେଶ୍ୟର ଅଭାବ :

- A. ନିରୁଦ୍ଦେଶ୍ୟ B. ଉଦ୍ଦେଶ୍ୟହୀନ
- C. ଅନୁଦ୍ଦେଶ୍ୟ D. ଉଦ୍ଦେଶ୍ୟାଭାବ

14. ଜୟ କରିବାର ଇଚ୍ଛା :

- A. ଜାଗିଷା B. ଜିଜ୍ଞାସା
- C. ଜିଗିଷା D. ଜିଜୀବିଷା

15. ଶୋଇବାର ଇଚ୍ଛା :

- A. ଶିଶୟିଷା B. ସିସୂଷା
- C. ଶୁଶ୍ରୂଷା D. ଶାସ୍ତ୍ରା

OSSC VAW-HEW 2016, OSSSC JR. CLERK 2015

OSSSC JR. CLERK 2017

## ODIA LANGUAGE

80. (A) ଗବେଷଣା, ଉତ୍କର୍ଷ (B) ଗବେଷଣା, ଉତ୍କର୍ଷ  
(C) ଗବେଷଣା, ଉତ୍କର୍ଷ (D) ଗବେଷଣା, ଉତ୍କର୍ଷ

OSSSC R.I. 2021

81. (A) ସାଲିସ, ବକ୍ଷିଷ (B) ସାଲିଷ, ବକ୍ଷିସ୍  
(C) ଶାଲିସ, ବକ୍ଷିସ୍ (D) ସାଲିସ, ବକ୍ଷିସ୍

OSSSC R.I. 2021

82. (A) ଲଜ୍ୟା, ଶାରୀରିକ (B) ଲଜା, ଶାରୀରିକ  
(C) ଲଜା, ଷାରୀରିକ (D) ଲଜ୍ୟା, ଶାରୀରୀକ

OSSSC R.I. 2021

83. (A) ସାହସ, ସାହାୟ (B) ସାହାସ, ସାହାୟ  
(C) ସାହାସ, ସାହାୟ (D) ସାହସ, ସାହାୟ

OSSSC R.I. 2021

84. (A) ପ୍ରଜଳିତ (B) ପ୍ରଜ୍ୱଳିତ  
(C) ପ୍ରଜ୍ୱଳୀତ (D) ପ୍ରଜ୍ୱଳିତ

85. (A) ପୃଷ୍ଠିକର (B) ପୃଷ୍ଠିକର  
(C) ପୃଷ୍ଠିକର (D) ପୃଷ୍ଠିକର

OSSSC JR. CLERK 2015

86. (A) ଅନୁଦିତ (B) ଅନୁଦିତ  
(C) ଅନୁଦୀତ (D) ଅନୁଦୀତ

87. (A) ମିନତି (B) ମାନତି (C) ମାନତୀ (D) ମିନତୀ

OSSSC JR. CLERK 2017

88. (A) ନୀଶାଦ (B) ନିଷାଦ (C) ନିସାଦ (D) ନୀଷାଦ

89. (A) ଦୁର୍ବା (B) ଦୁରା (C) ଦୁବା (D) ଦୁର୍ବା

90. (A) ପୁରସ୍କାର (B) ପୁରସ୍କାର  
(C) ପୁରସ୍କର (D) କୌଣସିଟି ନୁହେଁ

OSSSC JR. ASSISTANT 2018

91. (A) ଅବ୍ୟସ୍ତ (B) ଅଭ୍ୟସ୍ତ (C) ଆଭ୍ୟସ୍ତ (D) ଅଭ୍ୟସ୍ତ

92. (A) ଐକ୍ୟତା (B) ସୌଜନ୍ୟତା  
(C) କାର୍ପଣ୍ୟତା (D) ସୌଜନ୍ୟ

OSSSC CRE 2021

93. ଶୁଦ୍ଧ ଶବ୍ଦଟିକୁ ଚିହ୍ନଟ ?  
(A) ପୂଜ୍ୟାସ୍ତବ (B) ପୂଜ୍ୟସ୍ତବ  
(C) ପୂଜାସ୍ତବ (D) ପୂଜାସ୍ତବ

ODISHA FIREMAN 2023

94. A. ମାମୁଁ B. ମାମୁ C. ମମୁଁ D. ମାଁମୁଁ

ODISHA FIRMAN DRIVER 2023

95. A. ଷାଣ୍ଟାସିକ B. ଷାଣ୍ଟାସିକ  
C. ସାଣ୍ଟାସିକ D. ସାଣ୍ଟାସିକ

OSSSC PEO EXAM 2023

96. A. ପ୍ରତୀୟୋଗିତା B. ପ୍ରତିୟୋଗିତା  
C. ପ୍ରତିୟୋଗୀତା D. ପ୍ରତୀୟୋଗୀତା

OSSSC PEO EXAM 2023

97. A. ଭୁବନେଶ୍ୱର B. ଭୁବନେଶ୍ୱର  
C. ଭୁବନେଶ୍ୱର D. ଭୁବନେଶ୍ୱର

OSSSC PEO EXAM 2023

98. A. ଶୀତଳସଷ୍ଠୀ B. ଶୀତଳସଷ୍ଠୀ  
C. ସୀତଳସଷ୍ଠୀ D. ଶୀତଳସଷ୍ଠୀ

OSSSC PEO EXAM 2023

99. A. ଶୁଶ୍ରୁଷା B. ଶୁଶ୍ରୁଷା  
C. ସୁଶ୍ରୁଷା D. ସୁଶ୍ରୁଷା

OSSSC VAW-HEW 2016

ପ୍ରଶ୍ନ ୧୦୦ ରୁ ୧୦୫ ରେ ଦିଆଯାଇଥିବା ବିକଳଗୁଡ଼ିକରେ ଅଶୁଦ୍ଧ ଥିବା ବିକଳଟି ବାଛି ।

100. A. ସାହାୟ B. ସାହସୀ  
C. ସାହସ D. ସାହସ

OSSSC PEO EXAM 2023

146. ଭିନ୍ନଧର୍ମୀ ଶବ୍ଦଟିକୁ ବାଛ ?  
 (A) ପେଟପାଉଣା (B) ବନ୍ଧୁବାନ୍ଧବ  
 (C) ବାସନକୁସନ (D) ଲୁଗାପଟା  
 (2) ଅର୍ଣ୍ଣ (b) ବୈକୁଣ୍ଠ  
 (3) ଆଭାସ (c) ପଦ୍ମ  
 (4) ଗୋଲୋକ (d) ଇଙ୍ଗିତ
147. ନିମ୍ନ ଲିଖିତ ଶବ୍ଦ ଚାରିଗୋଟି ମଧ୍ୟରୁ କେଉଁଟି ଅଲଗା ବାଛି ଲେଖ ?  
 (A) ପିପାସା (B) ଜିଜ୍ଞାସା (C) ତମାସା (D) ଦିଗତୁସା  
 (A) 1-d, 2-c, 3-b, 4-a (B) 1-c, 2-b, 3-d, 4-a  
 (C) 1-b, 2-a, 3-d, 4-c (D) 1-c, 2-a, 3-d, 4-b
148. ନିମ୍ନୋକ୍ତ ଶବ୍ଦ ଯୋଡ଼ିମାନଙ୍କ ମଧ୍ୟରୁ କେଉଁଟି ଅନ୍ୟମାନଙ୍କ ସହତ ମେଳ ହେଉ ନାହିଁ ଚିହ୍ନଟ କର ।  
 (A) ଆରୋପଣ-ଅର୍ପଣ (B) ଉପହାସ-ଉପହସିତ  
 (C) ବିଶୋଭ-ବିଶୋଭତା (D) ସୃଷ୍ଟି-ସୃଷ୍ଟ  
 OSSSC VAW-HEW 2016
149. ନିମ୍ନଲିଖିତ ବିଶେଷ୍ୟ ପଦମାନଙ୍କ ମଧ୍ୟରୁ କେଉଁ ପଦଟି ଅନ୍ୟମାନଙ୍କ ଠାରୁ ଭିନ୍ନ ?  
 (A) ଭୋଜନ (B) ଶୟନ (C) ଅନ୍ନ (D) ରନ୍ଧନ  
 (A) ବ୍ୟଞ୍ଜନ ବର୍ଣ୍ଣ (B) ବର୍ଗ ବ୍ୟଞ୍ଜନ ବର୍ଣ୍ଣ  
 (C) ସ୍ଵର ବର୍ଣ୍ଣ (D) କଣ୍ଠ୍ୟ ବର୍ଣ୍ଣ  
 OSSSC R.I. & AMIN 2015
150. 'କ' ସ୍ଵର ସହିତ 'ଖ' ସ୍ଵରକୁ ଯୋଡ଼ି ସଠିକ୍ ଉ ର ବାଛି ଲେଖ ।  
 'କ' ସ୍ଵର 'ଖ' ସ୍ଵର  
 (A) ଶ (i) ମୂର୍ଦ୍ଧନ୍ୟ  
 (B) ଷ (ii) ଦନ୍ତ୍ୟ  
 (C) ସ (iii) ତାଳବ୍ୟ  
 (A) a-i, b-ii, c-iii (B) a-iii, b-ii, c-i  
 (C) a-iii, b-i, c-ii (D) b-i, c-iii, a-ii  
 OSSSC JAIL WARDER 2017
151. 'କ' ସ୍ଵର ସହିତ 'ଖ' ସ୍ଵରରେ ଥିବା ସଠିକ୍ ଉ ର ମିଳେଇ ଲେଖ ।  
 'କ' ସ୍ଵର 'ଖ' ସ୍ଵର  
 (1) କମଳ (a) କଳ  
 152. ଯେଉଁ ବର୍ଣ୍ଣ ଅନ୍ୟ ବର୍ଣ୍ଣର ସାହାଯ୍ୟ ନ ନେଇ ଉଚ୍ଚାରିତ ହୁଏ, ତାହା କେଉଁ ପ୍ରକାର ବର୍ଣ୍ଣ କୁହାଯାଏ ?  
 (A) ବ୍ୟଞ୍ଜନ ବର୍ଣ୍ଣ (B) ବର୍ଗ ବ୍ୟଞ୍ଜନ ବର୍ଣ୍ଣ  
 (C) ସ୍ଵର ବର୍ଣ୍ଣ (D) କଣ୍ଠ୍ୟ ବର୍ଣ୍ଣ  
 OSSSC JR. CLERK 2015
153. ଯେଉଁ ବର୍ଣ୍ଣ ଅନ୍ୟ ସ୍ଵର ବର୍ଣ୍ଣର ବିନା ସାହାଯ୍ୟରେ ଉଚ୍ଚାରିତ ହୋଇପାରେ ନାହିଁ, ତା'କୁ କି ବର୍ଣ୍ଣ କୁହାଯାଏ ?  
 (A) ବ୍ୟଞ୍ଜନ ବର୍ଣ୍ଣ (B) ବର୍ଗ ବ୍ୟଞ୍ଜନ ବର୍ଣ୍ଣ  
 (C) ସ୍ଵର ବର୍ଣ୍ଣ (D) କଣ୍ଠ୍ୟ ବର୍ଣ୍ଣ  
 OSSSC JR. CLERK 2015
154. ଓଡ଼ିଆ ଭାଷାର 'ଥ' ଧ୍ବନିଟି କେଉଁ ବର୍ଗର ?  
 (A) କଣ୍ଠ୍ୟ (B) ତାଳବ୍ୟ (C) ଦନ୍ତ୍ୟ (D) ମୂର୍ଦ୍ଧନ୍ୟ  
 ପ୍ରଶ୍ନ ନମ୍ବର ୧୫୫ ରୁ ୧୬୫ ରେ ଉପଯୁକ୍ତ ଶବ୍ଦ ବାଛି ଶୂନ୍ୟସ୍ଥାନ ପୂରଣ କର ।  
 155. କିନ୍ତୁ ଆମଦେଶରେ ଜ୍ଞାନଭଣ୍ଡାରଟା ଇଂରେଜିରେ ଥିବାରୁ କୋଟି କୋଟି ଜନତା ..... ।  
 (A) ଖୁସୀ (B) ଦୁଃଖିତ  
 (C) ଆଶ୍ଚର୍ଯ୍ୟ ଥାଉଁ ଥାଉଁ ଅନ୍ଧ (D) ଆନନ୍ଦିତ  
 156. ଧାନ ଚାଷ ବିଷୟରେ ଓଡ଼ିଆରେ ବହିଟିଏ ଦେଖିଲେ ଯେକୌଣସି କୃଷକର ..... ହେବ, ଏଥିରେ ସନ୍ଦେହ କ'ଣ ଅଛି ?  
 (A) ଈର୍ଷା (B) କ୍ରୋଧ (C) କୌତୁହଳ (D) ବିଷାଦ

(ଉପରୋକ୍ତ ବାକ୍ୟରେ ଥିବା ଭୁଲ୍ ଶବ୍ଦକୁ ବାଛ)

(A) ରାମଚନ୍ଦ୍ର

(B) ବିସନ୍ନ

(C) ଇତସ୍ତତଃ

(D) ଅନେଷଣ

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280. ନିମ୍ନଲିଖିତ ବାକ୍ୟଗୁଡ଼ିକ ମଧ୍ୟରୁ ଶୁଦ୍ଧ ବାକ୍ୟଟି ବାଛ ।

(A) ସମ୍ବଲପୁରର ଶୀତଳଷଷ୍ଠୀ ଯାତ୍ରା ଦେଖିବାକୁ ବହୁତ ଲୋକମାନେ ଆସିଥିଲେ ।

(B) ମନ୍ତ୍ରୀଙ୍କ ସଭାରେ ଆବଳବୃଦ୍ଧ ବନିତାଗଣ ଯୋଗ ଦେଇଥିଲେ ।

(C) ସବୁ କବି ପ୍ରାକୃତିକ ବର୍ଷନାରେ ସିଦ୍ଧହସ୍ତ ।

(D) ଶିକ୍ଷୟତ୍ରୀ ପ୍ରତ୍ୟେକ ଛାତ୍ରମାନଙ୍କୁ ପ୍ରଶ୍ନ ପଚାରିଲେ ।

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281. ସଠିକ୍ ବାକ୍ୟଟି ବାଛ ।

(A) ମୁକ୍ତା ଗଣେଶଙ୍କ ବାହନ ଅଟେ

(B) ମୁକ୍ତା ଗଣେଷଙ୍କ ବାହନ ଅଟେ

(C) ମୁକ୍ତା ଗଣେଶଙ୍କ ବାହନ ଅଟେ

(D) ମୁକ୍ତା ଗଣେଷଙ୍କ ବାହନ ଅଟେ

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282. ଶୁଦ୍ଧ ବାକ୍ୟଟି ବାଛ ।

(A) ସବୁ ଛାତ୍ର ସବୁ ବହି ପଢ଼ିସାରିଛନ୍ତି

(B) ସବୁ ଛାତ୍ର ସବୁ ବହିଗୁଡ଼ିକ ପଢ଼ିସାରିଛନ୍ତି

(C) ସବୁ ଛାତ୍ରମାନେ ସବୁ ବହି ପଢ଼ିସାରିଛନ୍ତି

(D) ସବୁ ଛାତ୍ରମାନେ ସବୁ ବହିଗୁଡ଼ିକ ପଢ଼ିସାରିଛନ୍ତି

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283. ଶୁଦ୍ଧ ବାକ୍ୟଟି ବାଛ ।

(A) ସେ ନିର୍ଦ୍ଦିଷ୍ଟ ହେଲେ ବି ନୀରୋଗ ଅଟନ୍ତି ।

(B) ସେ ନିର୍ଦ୍ଦିଷ୍ଟ ହେଲେ ବି ନୀରୋଗ ଅଟନ୍ତି ।

(C) ସେ ନିର୍ଦ୍ଦିଷ୍ଟ ହେଲେ ବି ନୀରୋଗ ଅଟନ୍ତି ।

(D) ସେ ନିର୍ଦ୍ଦିଷ୍ଟ ହେଲେ ବି ନୀରୋଗ ଅଟନ୍ତି ।

284. ନିମ୍ନଲିଖିତ ବାକ୍ୟମାନଙ୍କ ମଧ୍ୟରୁ କେଉଁଟି ଶୁଦ୍ଧ ବାକ୍ୟ ଚିହ୍ନଟ କର ।

(A) ଆଜି ଆମ ବିଦ୍ୟାଳୟର ସବୁ ଛାତ୍ରମାନଙ୍କୁ ଶିକ୍ଷକ ଶ୍ରେଣୀରେ ଛିଡ଼ା କରାଇଲେ ।

(B) କୃଷି କ୍ଷେତ୍ରରେ ଉତ୍କର୍ଷିତା ପ୍ରଦର୍ଶିତ କରିଥିବା କୃଷକମାନେ ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ ଦ୍ଵାରା ସମ୍ମାନୀତ ହେଲେ ।

(C) ବୈଠକ ଚାଲିଥିବା ବେଳେ ଅନେକ ସଦସ୍ୟ ପରସ୍ପର ମଧ୍ୟରେ କଥାବାର୍ତ୍ତା କରୁଥିଲେ ।

(D) ମହାତ୍ମାଗାନ୍ଧୀ କହିଲେ ସମସ୍ତେ ନିଜ ନିଜର ପରିସ୍କାରକ ହେବା ଉଚିତ ।

OSSSC JR. CLERK 2017

285. ଭୁଲ୍ ଶବ୍ଦ ଥିବା ବାକ୍ୟଟି ବାଛ ।

(A) ଭଲ କାମ କଲେ ପୁରସ୍କାର ମିଳିଥାଏ ।

(B) କଲମ୍ବସ୍ ଆମେରିକା ଆବିଷ୍କାର କରିଥିଲେ ।

(C) ପତ୍ନୀ ବିରହ ଯୋଗୁଁ ସେ ଅବସ୍ଥାଦରେ କାନ୍ଦିବାକୁ ଲାଗିଲେ ।

(D) ମଦ ପିଇଥିବା ଯୋଗୁଁ ସେ କାମରୁ ବହିଷ୍କୃତ ହେଲେ ।

OSSSC CRE 2021

286. ନିମ୍ନ ଲିଖିତ ବାକ୍ୟ ମଧ୍ୟରୁ କେଉଁ ବାକ୍ୟଟି ଶୁଦ୍ଧ ଚିହ୍ନଟ କର ।

(A) ପରମ୍ପରାକୁ ଅକ୍ଷୁଣ୍ଣ ରଖିବା ଉଚିତ ।

(B) ଘର ଭିତରେ ପଦାର୍ଥମାନେ ଏଣେ ତେଣେ ପଡ଼ିଛନ୍ତି ।

(C) ଆମ୍ଭେମାନେ କଳିକତା ଯାଇଅଛନ୍ତି ।

(D) ଜିନିଷପତ୍ର ପରିଷ୍କୃତ ରଖିବା ଉଚିତ୍ ।

OSSSC JR. ASSISTANT 2018

16. ଆଧୁନିକ ପରିଚାଳନା ବିଶେଷଜ୍ଞମାନଙ୍କ ମତରେ ନେତୃତ୍ୱ ନେବାର କଳା ମଣିଷ କେଉଁଠାରୁ ହାସଲ କରିଥାଏ ?

- (A) ଏହା ଲୋକମାନଙ୍କର ସହଜାତ ପ୍ରବୃତ୍ତି ।  
(B) ଶିକ୍ଷା ତାଲିମ ଏବଂ ଅଭିଜ୍ଞତାରୁ ମଣିଷ ନେତୃତ୍ୱ ନେବାର କଳା ଅର୍ଜନ କରିଥାଏ ।  
(C) ଉପରୋକ୍ତ A ଏବଂ B ରେ ବର୍ଣ୍ଣିତ ମତେ ।  
(D) କୌଣସିଟି ନୁହେଁ ।

17. ନରେନ୍ଦ୍ରଙ୍କ ସାଥୀମାନେ କାହିଁକି ତାଙ୍କୁ ପ୍ରତ୍ୟେକ ଖେଳକୁଦରେ ନେତା ଭାବେ ଗ୍ରହଣ କରୁଥିଲେ ?

- (A) ନରେନ୍ଦ୍ର ପିଲାଦିନରୁ ତ୍ୟାଗୀ ଓ ନିର୍ଭୀକ ଥିବାରୁ ତାଙ୍କ ସାଙ୍ଗମାନେ ତାଙ୍କୁ ନେତାଭାବେ ଗ୍ରହଣ କରୁଥିଲେ ।  
(B) ନରେନ୍ଦ୍ରଙ୍କ ଠାରେ ବାଲ୍ୟକାଳରୁ ନେତୃତ୍ୱ ନେବାର କଳା ପରିଲକ୍ଷିତ ହୋଇଥିଲା ।  
(C) ସେ ତାଙ୍କ ସାଙ୍ଗମାନଙ୍କୁ ଖୁବ୍ ଭଲ ପାଉଥିଲେ ।  
(D) ନରେନ୍ଦ୍ର ଖୁବ୍ ସାହାସୀ ଥିଲେ ।

18. ଉପରୋକ୍ତ ଗଦ୍ୟାଂଶରେ ଉଲ୍ଲିଖିତ କେଉଁ ଘଟଣାରୁ ନରେନ୍ଦ୍ରଙ୍କ ତ୍ୟାଗ ଓ ନିର୍ଭୀକତାର ଦୃଷ୍ଟାନ୍ତ ମିଳେ ?

- (A) ଚରହକ ମେଳାରୁ ଫେରୁଥିବା ବେଳେ ତାଙ୍କ ସାଙ୍ଗକୁ ବାଲୁକୁ ଘୋଡ଼ା ଗାଡ଼ିକୁ ଅଟକାଇଥିଲେ ।  
(B) ଚରହକ ମେଳାରୁ ଫେରୁଥିବା ବେଳେ ଧାବମାନ ଘୋଡ଼ାଗାଡ଼ି ମୁହଁରୁ ତାଙ୍କ ସାଙ୍ଗକୁ ଟାଣି ଆଣିଥିଲେ ।  
(C) ଚରହକ ମେଳାରୁ ଫେରୁଥିବା ବେଳେ କିଣିଥିବା ଶିବ ମୂର୍ତ୍ତି ସବୁ ଫିଙ୍ଗି ନିଜ ଜୀବନକୁ ଖାତିର ନକରି ତାଙ୍କ ସାଙ୍ଗକୁ ଧାବମାନ ଘୋଡ଼ାଗାଡ଼ି ମୁହଁରୁ ଟାଣି ଆଣି ବାଲୁଥିଲେ ।  
(D) ଚରହକ ମେଳାରୁ ଫେରୁଥିବା ବେଳେ ତାଙ୍କ ବନ୍ଧୁଙ୍କୁ ଆସନ୍ନ ମୃତ୍ୟୁ ମୁଖରୁ ବାଲୁଥିଲେ ।

19. ଚରହକ ମେଳାରୁ ଫେରୁଥିବା ବେଳେ ପଥଚାରୀମାନେ କାହିଁକି ନରେନ୍ଦ୍ରଙ୍କୁ ଆଶୀର୍ବାଦ ଦେଲେ ?

- (A) ତାଙ୍କର ବିଚକ୍ଷଣ ଉପସ୍ଥିତ ବୁଦ୍ଧି ଯୋଗୁ ।

(B) ତାଙ୍କର ସାହସ ଏବଂ ଜୀବନକୁ ବିପନ୍ନ କରି ସାଙ୍ଗକୁ ରକ୍ଷା କରିବାର କୌଶଳ ଓ ମାନସିକତା ପାଇଁ ।

(C) କିଣିଥିବା ମୂର୍ତ୍ତି ଗୁଡ଼ିକୁ ଫିଙ୍ଗିଦେଇ ତ୍ୟାଗର ନିଦର୍ଶନ ଦେଇଥିଲେ ।

(D) ସାଙ୍ଗକୁ ବାଲୁକୁ ଯାଇ ନିଜ ଜୀବନକୁ ବିପନ୍ନ କରିଥିଲେ ।

20. ଭୁବନେଶ୍ୱରୀ ଦେବୀ ସମସ୍ତ ଘଟଣା ଶୁଣି ସେଦିନ କହିଥିଲେ, “ବାଃ ବିଶେଶ୍ୱର, ସବୁଦିନ ମଣିଷଟିଏ ଭଲି ମଣିଷ ହୁଅ”- ଏହାକୁ ପରୋକ୍ଷ ଉକ୍ତିରେ ପରିବର୍ତ୍ତନ କର ?

- (A) ଭୁବନେଶ୍ୱରୀ ଦେବୀ ସମସ୍ତ ଘଟଣା ଶୁଣି ସେ ଦିନ କହିଥିଲେ ବିଶେଶ୍ୱର, ସବୁଦିନ ମଣିଷଟିଏ ଭଲି ତୁମେ ମଣିଷ ହୁଅ ।  
(B) ଭୁବନେଶ୍ୱରୀ ଦେବୀ ସମସ୍ତ ଘଟଣା ଶୁଣି ସେ ଦିନ ବିଶେଶ୍ୱରଙ୍କୁ ଆଶୀର୍ବାଦ ଦେଇଥିଲେ ଯେ, ସେ ସବୁଦିନ ମଣିଷଟିଏ ଭଲି ମଣିଷ ହୁଅ ।  
(C) ଭୁବନେଶ୍ୱରୀ ଦେବୀ ସମସ୍ତ ଘଟଣା ଶୁଣି ସେ ଦିନ ବିଶେଶ୍ୱରଙ୍କୁ ଧନ୍ୟବାଦ ଦେଇଥିଲେ ଯେ, ତୁମେ ସବୁଦିନ ମଣିଷଟିଏ ଭଲି ମଣିଷ ହୁଅ ।  
(D) ତୁମେ ସବୁଦିନ ମଣିଷ ଟିଏ ଭଲି ମଣିଷ ହୁଅ ବୋଲି ଭୁବନେଶ୍ୱରୀ ଦେବୀ ସମସ୍ତ ଘଟଣା ଶୁଣି ସେଦିନ ବିଶେଶ୍ୱରଙ୍କୁ କହିଥିଲେ ।

ଅନୁଛେଦଟି ପାଠ କରି ତା ତଳେ ଦିଆଯାଇଥିବା ପ୍ରଶ୍ନଗୁଡ଼ିକର ଉତ୍ତର, ଅନୁଛେଦ ଆଧାରରେ ଦିଅ ।

ନିଜ ଦେଶ ପାଇଁ ନିରକ୍ଷର ଲୋକମାନେ ହେଉଛନ୍ତି ଗୋଟିଏ ସାମାଜିକ ବିପଦ । ସେମାନେ ଭଲ ମନ୍ଦ ନ ବିଚାରି ଯେ କୌଣସି ପ୍ରଚାର ଦ୍ୱାରା ପରିଚାଳିତ ହୁଅନ୍ତି । ପେଟକୁ ଖାଇବାକୁ ଗଣ୍ଡେ ଦାନା, ପିନ୍ଧିବାକୁ ଖଣ୍ଡେ ଜନା ଓ ରହିବାକୁ ବାସଟିଏ ନଥିଲେ ସେମାନଙ୍କର ଜୀବନର ଆଦର୍ଶ ରହେନାହିଁ । ତେଣୁ ଅନ୍ୟର କୁସାରଟନା କରିବା ଏବଂ ଅନ୍ୟ ବିରୁଦ୍ଧରେ ଅଯଥା ବିଦ୍ରୋହ କରିବାକୁ ସେମାନେ କୁଣ୍ଡାବୋଧ କରନ୍ତି ନାହିଁ । ଯେଉଁ ମାନଙ୍କର ନିର୍ଦ୍ଦିଷ୍ଟ ନୀତି ନଥାଏ ସେମାନେ ସହଜରେ ବିଭିନ୍ନ ଲୋକଙ୍କ ଦ୍ୱାରା ପ୍ରଭାବିତ ହୋଇଥାନ୍ତି । ଶେଷରେ ନିଜର ଦୁର୍ଗତୀ ପାଇଁ ଆତ୍ମସମୀକ୍ଷା ନ କରି ସମାଜ ଓ ରାଷ୍ଟ୍ର ଉପରେ ଦୋଷ ଲଦି ଦିଅନ୍ତି । କେବଳ ଅନ୍ୟ ଉପରେ ଦୋଷ

## TRANSLATION

01. Banks have played an important role to shape the financial structure of the nation after its nationalization in 1969.

- (A) ୧୯୬୯ରେ ଜାତୀୟକରଣ ପରେ, ବ୍ୟାଙ୍କ ଗୁଡ଼ିକ ଆମ ଦେଶର ଅର୍ଥ ନୈତିକ ତା । ଗଠନ କରିବାରେ ଏକ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ଭୂମିକା ନିର୍ବାହ କରିଛନ୍ତି ।
- (B) ୧୯୬୯ରେ ଜାତୀୟକରଣ ପରେ, ବ୍ୟାଙ୍କ ଗୁଡ଼ିକ ଆମଦେଶର ଅର୍ଥନୀତିକୁ ଏକ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ତା ।ରେ ପରିଚାଳନା କରିଛନ୍ତି ।
- (C) ଜାତୀୟକରଣ ପରେ ୧୯୬୯ରେ ଆମ ଦେଶର ଅର୍ଥନୀତିକୁ ବ୍ୟାଙ୍କ ମାନେ ପ୍ରଭାବିତ କରିଛନ୍ତି ।
- (D) ୧୯୬୯ର ଜାତୀୟକରଣ, ବ୍ୟାଙ୍କ ମାନଙ୍କୁ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ଅର୍ଥନୀତିକ ଭୂମିକା ପ୍ରଦାନ କରିଛି ।

02. It is a matter of satisfaction that almost everybody now-a-days has a bank account.

- (A) ଏହା ସନ୍ତୋଷର ବିଷୟ ଯେ ଆଜି ପ୍ରାୟ ପ୍ରତ୍ୟେକଙ୍କର ଏକ ବ୍ୟାଙ୍କ ଖାତା ଅଛି ।
- (B) ଏହା ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ଯେ ଆଜି ସମସ୍ତଙ୍କ ବ୍ୟାଙ୍କ ଖାତା ଅଛି ।
- (C) ଏହା କୁହାଯାଇପାରେ ଯେ ଆଜି ସମସ୍ତଙ୍କର ବ୍ୟାଙ୍କ ଖାତା ଅଛି ।
- (D) ଏହା କୁହାଯାଇପାରେ ଯେ ସମସ୍ତଙ୍କର ବ୍ୟାଙ୍କ ଖାତା ଅଛି ।

03. Very few people of India know about the cost of printing notes and the period the notes remain in circulation.

- (A) ଭାରତର ବହୁତ କମ୍ ଲୋକ ଟଙ୍କା ଛପାଇବାରେ କେତେ ଖର୍ଚ୍ଚ ହୁଏ ଓ ନୋଟ୍ ଗୁଡ଼ିକ କେତେ ଦିନ ଧରି ପ୍ରଚଳିତ ରହେ, ସେ ସମ୍ବନ୍ଧରେ ଜାଣନ୍ତି ।
- (B) ଭାରତର ବହୁତ କମ୍ ଲୋକ କେତେ ଟଙ୍କା ବ୍ୟୟ ହୁଏ ଓ ନୋଟ୍ ଗୁଡ଼ିକ କେତେ ଦିନ ଧରି ପ୍ରଚଳିତ ରହେ, ସେ ସମ୍ବନ୍ଧରେ ଜାଣନ୍ତି ।

(C) ଭାରତର ବହୁତ କମ୍ ଲୋକ ଟଙ୍କା ଛପା କିପରି ହୁଏ ଓ ସେଗୁଡ଼ିକ କେତେ ଦିନ ଚାଲେ, ସେ ବିଷୟରେ ଜାଣନ୍ତି ।

(D) ଭାରତର କୌଣସି ଲୋକ ଟଙ୍କା ଛପାରେ କେତେ ଖର୍ଚ୍ଚ ହୁଏ ଓ ଏହା କେତେ ଦିନ ଚାଲେ, ସେହି ବିଷୟରେ ଜାଣନ୍ତି ନାହିଁ ।

04. The Union Finance Ministry has proposed amalgamation of Banks.

- (A) କେନ୍ଦ୍ର ଅର୍ଥ ମନ୍ତ୍ରାଳୟ ବ୍ୟାଙ୍କ ଗୁଡ଼ିକର ମିଶ୍ରଣର ପ୍ରସ୍ତାବ ରଖିଛନ୍ତି ।
- (B) କେନ୍ଦ୍ର ଅର୍ଥ ମନ୍ତ୍ରୀ ବ୍ୟାଙ୍କ ଗୁଡ଼ିକର ମିଶ୍ରଣ କରିଛନ୍ତି ।
- (C) କେନ୍ଦ୍ର ଅର୍ଥ ମନ୍ତ୍ରାଳୟ ବ୍ୟାଙ୍କ ଗୁଡ଼ିକୁ ବ୍ୟକ୍ତିଗତ ପରିଚାଳନାରେ ଅନ୍ତର୍ଭୁକ୍ତ କରିବାକୁ ଚାହୁଁଛନ୍ତି ।
- (D) କେନ୍ଦ୍ର ଅର୍ଥ ମନ୍ତ୍ରୀ ବ୍ୟାଙ୍କ ଗୁଡ଼ିକୁ ବନ୍ଦ କରିବାକୁ ପ୍ରସ୍ତାବ ରଖିଛନ୍ତି ।

05. This may enhance the efficiency of the Banks.

- (A) ଏହା ବ୍ୟାଙ୍କ ଗୁଡ଼ିକର କାର୍ଯ୍ୟ ଦକ୍ଷତା ବଢାଇ ପାରେ ।
- (B) ଏହା ବ୍ୟାଙ୍କ ଗୁଡ଼ିକର କାର୍ଯ୍ୟ ଦକ୍ଷତା କମାଇ ପାରେ ।
- (C) ଏହା ବ୍ୟାଙ୍କ ଗୁଡ଼ିକର ପ୍ରତିଯୋଗିତା ବଢାଇ ପାରେ ।
- (D) ଏହା ବ୍ୟାଙ୍କ ଗୁଡ଼ିକର ଲାଭ ବଢାଇ ପାରେ ।

06. Very often, random agitators and political parties resort to rail blockades to project their demands.

- (A) ଅନେକ ସମୟରେ ବିଚାରବିହୀନ ଆନ୍ଦୋଳନକାରୀ ଏବଂ ରାଜନୈତିକ ଦଳମାନେ ସେମାନଙ୍କ ଦାବୀ ଉପସ୍ଥାପନ ପାଇଁ ରେଳବନ୍ଦର ଆଶ୍ରୟ ନେଇଥାନ୍ତି ।
- (B) ବିଶୃଙ୍ଖଳ ବିକ୍ଷୋଭକାରୀ ଏବଂ ରାଜନୈତିକ ଦଳମାନେ ସଦାବେଳେ ସେମାନଙ୍କ ଦାବୀ ଉପସ୍ଥାପନ ପାଇଁ ରେଳରୋକୋ ଆଶ୍ରୟ ନେଇଥାନ୍ତି ।
- (C) ବେଳେବେଳେ ବିବିଧ ରାଜନୈତିକ ଆନ୍ଦୋଳନକାରୀମାନେ ଦାବୀ ଉପସ୍ଥାପନ ପାଇଁ ରେଳରୋକୋର ଡାକରା ଦିଅନ୍ତି ।
- (D) ଅନେକ ସମୟରେ ବିକ୍ଷୋଭକାରୀ ରାଜନୈତିକ ଦଳସବୁ ତାଙ୍କର ବହୁବିଧ ଦାବୀ ହାସଲ ପାଇଁ ରେଳବନ୍ଦ କରିଥାନ୍ତି ।

- (A) The history of literature really begins long before man learned to write.  
 (B) The history of literature really began long before man learned to write.  
 (C) The history of literature really began long before man learns to write.  
 (D) The history of literature really begins long before man learns to write.

87. ଗୋଟିଏ ଦେଶର ସ୍ୱାଧୀନତା ତାହାର ନିଜର ଶକ୍ତି ଓ ଆତ୍ମନିର୍ଭରଶୀଳତା ଦ୍ୱାରା ହିଁ ସଂରକ୍ଷିତ କରାଯାଇପାରିବ ।

- (A) A country's freedom can be preserved only by her own strength and self-reliance.  
 (B) A country's freedom could be preserved only her own strength and self-reliance.  
 (C) A country's freedom will be preserved only her own strength and self-reliance.  
 (D) A country's freedom is preserved only her own strength and self-reliance.

88. ସେ ଇସ୍ତଫା ଦେଇଛନ୍ତି ।

- (A) He has put up his resignation.  
 (B) He has put on his resignation.  
 (C) He has put in his resignation.  
 (D) He has put out his resignation.

89. ଆମେ ଷ୍ଟେସନ ପହଂଚିବା ବେଳକୁ ଗାଡି ଛାଡି ଦେଇଥିଲା ।

- (A) By time we reached at the station,the train left.  
 (B) The train left, as we reached at the station.  
 (C) By the time we reached at the station, the train had left.  
 (D) By the time we had reached at the station, the train left.

90. ଏ ଘରର ଆସବାବ ପତ୍ର ଅତି ପୁରୁଣା ।

- (A) All the furnitures in this house are very old.

(B) All the furnitures in this house is very old.

(C) All furnitures in this house are very old.

(D) All the furniture in this house are very old.

91. ଭାତ ଓ ଡାଲି ଗୋଟିଏ ସୁସ୍ଥମ ଖାଦ୍ୟ ।

(A) Rice and Dal are a balanced food.

(B) Rice and Dal is a balanced food.

(C) Rice and Dal are balanced food.

(D) Rice and Dal is balanced food.

92. ପର୍ବତରେ ଚାଲିବା ପାଇଁ ତୁମର ଆରାମ ଦାୟକ ଯୋଡା ଦରକାର ।

(A) You needed comfortable shoes for working in the hills.

(B) You needed comfortable shoes to working in the hills.

(C) You need comfortable shoes for working in the hills.

(D) Your need comfortable shoes for working in the hills.

93. କଲିକତା ସହର ହୁଗୁଳି ନଦୀ କୂଳରେ ଅବସ୍ଥିତ ।

(A) Kolkata is near river Hooghly.

(B) Kolkata is at river Hooghly.

(C) Kolkata is beside river Hooghly.

(D) Kolkata is on river Hooghly.

94. ଡାକ୍ତର ରୋଗୀର ନାଡି ଦେଖୁଛନ୍ତି ।

(A) Doctor is seeing the patient's pulse.

(B) The doctor is looking the patients pulse.

(C) The doctor is feeling at the patients pulse.

(D) The doctor is examining the patients pulse.

95. ରାଷ୍ଟ୍ରପତି କାଲି ଭୁବନେଶ୍ୱର ଆସିବେ ।

(A) The President come to Bhubaneswar tomorrow.