

NVS Free Mock

Q1. Select the terms that will replace the ? in the following series.

V, S, ?, N, L, ?, G

- (a) O, H
- (b) O, G
- (c) P, H
- (d) Q, I

Q2. Select the term that will come next in the following series.

JMT, KNU, LOV, MPW, ?

- (a) NQX
- (b) NRX
- (c) NQY
- (d) NRY

Q3. Which number will replace the question mark (?) in the following series?

4, 9, 16, 25, 36, 49, ?

- (a) 121
- (b) 64
- (c) 100
- (d) 81

Q4. Which number will replace the question mark (?) in the following series?

80, 63, 48, 35, ?, 15

- (a) 30
- (b) 27
- (c) 24
- (d) 18

Q5. Two statements are followed by two/three conclusions numbered I and II or III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All birds can fly.

Some birds are ostriches.

Conclusions:

I. All ostriches can fly.

II. Some flying creatures are ostriches.

III. All ostriches are birds.

- (a) Both conclusions I and II follow
- (b) Only conclusion II follows
- (c) Both conclusions II and III follow
- (d) All conclusions follow

Q6. Two statements are followed by two/three conclusions numbered I and II or III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some flowers are roses.

All roses are red.

Conclusions:

I. Some flowers are red.

II. All red things are roses.

III. Some red things are flowers.

- (a) Only conclusion I follows
- (b) Only conclusion III follows
- (c) Both conclusions I and III follow
- (d) All conclusions follow

Q7. From the given alternative words, select the word which cannot be formed using the letters of the given word.

ENTHUSIASTIC

- (a) HASTE
- (b) STATIC
- (c) ETHNIC
- (d) THEORY

Q8. From the given alternative words, select the one which cannot be formed using the letters of the given word.

DIMENSIONAL

- (a) SLIME
- (b) MANSION
- (c) MEADOW
- (d) NOMAD

Q9. A word/set of letters given in capital letters is followed by four answer words. Out of these, only one cannot be formed by using the letters of the given word/set of letters. Find out.

INTERPRETATION

- (a) INERT
- (b) ATTENTION
- (c) PATTERN
- (d) PROUD

Q10. Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.

- 1. Circle
 - 2. Point
 - 3. Line
 - 4. Shape
- (a) 2, 3, 1, 4
 - (b) 4, 1, 3, 2
 - (c) 3, 2, 1, 4
 - (d) 2, 1, 3, 4

Q11. Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.

- 1. Conclusion
 - 2. Body
 - 3. Introduction
 - 4. Abstract
- (a) 4, 3, 2, 1
 - (b) 3, 2, 1, 4
 - (c) 3, 4, 2, 1
 - (d) 1, 2, 3, 4

Q12. Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.

- 1. Customer
 - 2. Manufacturer
 - 3. Retailer
 - 4. Distributor
- (a) 2, 4, 3, 1
 - (b) 3, 4, 2, 1
 - (c) 1, 3, 4, 2
 - (d) 4, 3, 1, 2

Q13. Three of the following four cars are alike in a certain way and one is different. Pick the odd one out.

- (a) Ford
- (b) Tesla
- (c) Chevrolet
- (d) BMW

Q14. If 'Meticulous' is related to 'Careful', how is 'Lethargic' related to?

- (a) Energetic
- (b) Enthusiastic
- (c) Slack
- (d) Passionate

Q15. Select the number that is related to the third number in the same way that the second number is related to the first number.

14 : 16 :: 22 : ?

- (a) 10
- (b) 12
- (c) 16
- (d) 18

Directions (16-20): Study the following information carefully to answer the given questions.

Six students get different marks in an examination. The 2nd highest mark is 56. J gets higher marks than U who gets 43 marks. H gets higher marks than B but less than P who gets less marks than U. O gets lower marks than J but higher than U.

Q16. Who among the following students get 56 marks?

- (a) J
- (b) O
- (c) B
- (d) None of these

Q17. How many students get less marks than P?

- (a) 1
- (b) 2
- (c) 3
- (d) 4

Q18. What will be the marks obtained by H, if the sum of total marks of O, U and H is 120?

- (a) 11
- (b) 22
- (c) 34
- (d) 21

Q19. How many students get less marks than B?

- (a) 1
- (b) 2
- (c) 0
- (d) 4

Q20. What is the sum of total marks scored by O & U?

- (a) 97
- (b) 99
- (c) 98
- (d) 100

Q21. Vishal borrowed some amount of money from a bank at the rate of 25% per annum on compound interest for which interest is compounded annually. If he repaid his loan by paying Rs. 3,28,125 at the end of 4 years, what is the amount he borrowed?

- (a) Rs. 13,3300
- (b) Rs. 15,1200
- (c) Rs. 16,5400
- (d) Rs. 13,4400

Q22. The compound interest is Rs. 150 more than the simple interest for a certain sum of money at 12% per annum for $1\frac{1}{2}$ years, when compound interest is compounded half-yearly and simple interest is computed yearly. What is the sum? (CI is nearest to integer)

- (a) Rs. 14,900
- (b) Rs. 15,000
- (c) Rs. 17,000
- (d) Rs. 16,875

Q23. Find the product of the numbers whose HCF and LCM are 16 and 44 respectively.

- (a) 244
- (b) 700
- (c) 704
- (d) 390

Q24. P and Q can complete a work separately in 12 days and 35 days respectively. Q alone work for 4 days and then he left the work. In how many days will P finish the remaining work?

- (a) $16\frac{1}{6}$ days
- (b) $20\frac{5}{13}$ days
- (c) $10\frac{22}{37}$ days
- (d) $10\frac{22}{35}$ days

Q25. A bus travels from station P to station Q at a speed of 60 km/h, and from station Q to station P at a speed of 80 km/h. What is the average speed of the bus during the entire journey?

- (a) 75.78 km/h
- (b) 78.75 km/h
- (c) 68.57 km/h
- (d) 82.35 km/h

Q26. A shopkeeper sells goods at a profit of 22% and uses a weight which is 10% less than the original weight. Find his total percentage gain. (Correct to 2 decimal places)

- (a) 31.76%
- (b) 35.55%
- (c) 28.75%
- (d) 25.80%

Q27. A cylindrical tank has a capacity of 2772 m³. If the diameter of its base is 42 m, find its depth.

- (a) 1m
- (b) 2m
- (c) 3m
- (d) 4m

Q28. The ratio between the fourth proportional of 2, 9 and 5 to the third proportional of 6 and 12 is:

- (a) 75: 44
- (b) 15: 16
- (c) 21: 25
- (d) 25: 21

Q29. On selling a table fan at Rs.250, the value of gain is 20% more than the value of loss incurred on selling it at Rs.140. In order to gain 20%, the selling price will be:

- (a) Rs.328
- (b) Rs.289
- (c) Rs.228
- (d) Rs.282

Q30. Abhi and Abhinav together can finish a piece of work in 58 days, Abhi and Arav in 29 days, and Arav and Abhinav in 87 days, then Abhi, Abhinav and Arav together can finish the same work in how many days?

- (a) $\frac{348}{11}$ days
- (b) $\frac{311}{48}$ days
- (c) $\frac{113}{84}$ days
- (d) $\frac{148}{11}$ days

Q31. Which of the following numbers is divisible by 21?

- (a) 1410
- (b) 1870
- (c) 3675
- (d) 2250

Q32. A, B, and C can do a piece of work in 12, 15, and 21 days respectively. How many days will A take to complete the entire work if A is assisted by B and C both on every second day?

- (a) $7\frac{31}{83}$ days
- (b) $5\frac{31}{83}$ days
- (c) $31\frac{1}{83}$ days
- (d) $12\frac{2}{83}$ days

Q33. The value of the following expression is:

$$287 - \left[\frac{1}{9} \{42 - (20 - 6 + 1)\} + 108 \right]$$

- (a) 178
- (b) 123
- (c) 176
- (d) 180

Q34. The average of the first eight prime numbers that are odd is:

- (a) $49/4$
- (b) $41/4$
- (c) $61/2$
- (d) $62/3$

Q35. If A : B = 11 : 3 and B : C = 6 : 7, then find the value of A : B : C.

- (a) 21 : 8 : 1
- (b) 22 : 6 : 7
- (c) 15 : 8 : 14
- (d) 7 : 8 : 10

Q36. A and R together can do a piece of work in 28 days. If A alone can do the same work in 42 days, then how many days R alone takes to complete the same work?

- (a) 72
- (b) 66
- (c) 54
- (d) 84

Q37. A man buys 35 books for Rs. 70 and sells 70 books for Rs.35. Determine the percentage profit/loss earned by the man.

- (a) 75% profit
- (b) 10% loss
- (c) 25% profit
- (d) 75% loss

Q38. If 100 identical small cylinders are made from a solid cylinder of diameter 98 cm and height 25 cm, then what is the sum of volume of two small cylinder?

- (a) 3773 cm^3
- (b) 3336 cm^3
- (c) 4323 cm^3
- (d) 2783 cm^3

Q39. A train runs at a speed of 70 km/h in the first 10 minutes and 20 km/h in next 25 minutes and 45 km/h in last 15 minutes. What is the average speed of the train?

- (a) 37.5 km/h
- (b) 30.3 km/h
- (c) 60.25 km/h
- (d) 15.75 km/h

Q40. In an election between two candidates, one candidate got 54% of the total valid votes. 10% of the votes were invalid. If the total number of votes was 16500, then what was the number of valid votes the other candidate got?

- (a) 6100
- (b) 6831
- (c) 7400
- (d) 8750

Q41. Which of the following factors does NOT affect the speed of sound in a medium?

- (a) Density
- (b) Elasticity
- (c) Frequency
- (d) Temperature

Q42. Which of the following blood cells are responsible for blood clotting?

- (a) Thrombocytes
- (b) Neutrophils
- (c) Leucocytes
- (d) Erythrocytes

Q43. What is the name of the preaching mudra or gesture, in which the Buddha is depicted delivering his first sermon?

- (a) Abhaya
- (b) Dharmachakra
- (c) Dhyana
- (d) Bhumisparsha

Q44. The Battle of Buxar in 1764 was fought between the British East India Company and a coalition of Indian rulers led by:

- (a) Nawab of Bengal
- (b) Maratha Peshwa
- (c) Nizam of Hyderabad
- (d) Mughal Emperor

Q45. Barren Island, the only active volcano in India is located in

- (a) Nicobar Islands
- (b) Andaman Islands
- (c) Lakshadweep
- (d) Minicoy

Q46. Which among the given Indian States has the largest concentration of Scheduled Tribes population?

- (a) Assam
- (b) Madhya Pradesh
- (c) Bihar
- (d) Orissa

Q47. Bajra is cultivated in the Northern Indian States during the _____ cropping season.

- (a) Zaid
- (b) Winter
- (c) Rabi
- (d) Kharif

Q48. What is the full form of CITES?

- (a) Convention on International Trade in Endangered Species of Wild Fauna and Flora
- (b) Conservation of International Trade in Endangered Species
- (c) Committee for International Trade in Endangered Species
- (d) Convention for International Trade in Endangered Species

Q49. When is the International Day of Zero Waste celebrated?

- (a) 22 April
- (b) 17 April
- (c) 23 March
- (d) 30 March

Q50. The Preamble to the Indian Constitution was inspired by the Preamble of Constitution of _____.

- (a) USA
- (b) France
- (c) Germany
- (d) USSR

Q51. The provisions for allocation of seats in the Rajya Sabha to the states and union territories are carried in the

- (a) 4th Schedule
- (b) 6th Schedule
- (c) 9th Schedule
- (d) 10th Schedule

Q52. Which of the following formulas related to monetary and liquidity aggregates is NOT correct?

- (a) $M1 = \text{Currency (notes + coins)} + \text{Demand deposits}$
- (b) $M4 = M3 + \text{Total deposits with post office savings organizations (excluding national savings certificates)}$
- (c) $M2 = M1 + \text{Savings deposits with post office savings banks}$
- (d) $M3 = M1 + \text{Net time deposits of post office savings}$

Q53. Which committee was appointed by SEBI to advise on the development of appropriate regulatory framework for derivatives trading in India in the year 1996?

- (a) Dinesh Mehta Committee
- (b) Ravi Tripathi Committee
- (c) L.C. Gupta Committee
- (d) Balwant Rai Committee

Directions (54-57): Read the given paragraph and answer the following questions

The Great Barrier Reef, the world's largest coral reef system, stretches over **Blank No. 1** kilometers (about 1,400 miles) off the coast of **Blank No. 2**. This UNESCO World Heritage site is visible from space and comprises over 2,900 individual reefs and 900 islands. The reef is located in the Coral Sea and is home to a stunning array of marine life, including over 1,500 species of fish, 411 types of hard coral, and numerous species of sharks,

dolphins, and sea turtles. Environmental threats such as climate change, pollution, and overfishing pose significant risks to the reef's health. **The Blank No. 3** Act of 1975 was established to protect this marine ecosystem, promoting conservation efforts and sustainable tourism practices. Among the reef's numerous islands, **Blank No. 4** Island is notable for its resort facilities and bird sanctuaries.

Q54. What is the length of the Great Barrier Reef that fills Blank No. 1?

- (a) 1,430 kilometers
- (b) 2,300 kilometers
- (c) 2,600 kilometers
- (d) 3,000 kilometers

Q55. Which country is associated with Blank No. 2, where the Great Barrier Reef is located?

- (a) Australia
- (b) New Zealand
- (c) Indonesia
- (d) Fiji

Q56. What legislation, filling in Blank No. 3, was established to protect the Great Barrier Reef?

- (a) Great Barrier Reef Marine Park Act
- (b) Ocean Protection Act
- (c) Marine Conservation Law
- (d) Coral Sea Safeguard Act

Q57. Which Island, mentioned in Blank No. 4, is known for its resort facilities and bird sanctuaries?

- (a) Hamilton Island
- (b) Fraser Island
- (c) Lizard Island
- (d) Whitsunday Island

Q58. How many species of fish are found in the Great Barrier Reef?

- (a) Around 1,000 species
- (b) More than 1,500 species
- (c) Approximately 2,000 species
- (d) Over 2,500 species

Q59. India's largest home-built Kakrapar nuclear plant starts operations. Where is the Kakrapar nuclear power plant located?

- (a) Rajasthan
- (b) Maharashtra
- (c) Gujarat
- (d) Madhya Pradesh

Q60. The Bhatiali is a folk music of:

- (a) Gujarat
- (b) Maharashtra
- (c) West Bengal
- (d) Tamil Nadu

Q61. What is the launch date of the Aditya L1 mission?

- (a) 2nd September 2023
- (b) 15th September 2023
- (c) 30th September 2023
- (d) 5th September 2023

Q62. On which date is the Global India AI 2023 Summit scheduled to take place?

- (a) November 15 and 16
- (b) November 14 and 15
- (c) September 30 October 1
- (d) October 14 and 15

Q63. Which Indian state emerged as the front-runner in attracting Foreign Direct Investment (FDI) in the first quarter of FY 2023-24?

- (a) Gujarat
- (b) Maharashtra
- (c) Karnataka
- (d) Telangana

Q64. Where is the proposed green hydrogen and green ammonia project set to be established?

- (a) Mumbai
- (b) New Delhi
- (c) Odisha
- (d) Bengaluru

Q65. Who are the recipients of the Ramon Magsaysay Award in its 65th edition?

- (a) Korvi Rakshand, Eugenio Lemos, and Miriam Coronel-Ferrer
- (b) Korvi Rakshand, Eugenio Lemos, Miriam Coronel-Ferrer, and Dr. Ravi Kannan R.
- (c) ManMohan Singh, Dalai Lama, Satyajit Ray, and Dr. Ravi Kannan R.
- (d) Sir Fazle Hasan Abed, Korvi Rakshand, and Dr. Ravi Kannan R.

Q66. Who has recently been appointed as the first woman Chairperson of the Railway Board?

- (a) Jaya Verma Sinha
- (b) Rani Bindo Vati
- (c) Renuka Sharma
- (d) Preeti Takkar

Q67. _____ becomes first State in North Eastern Region to initiate Aadhaar Linked Birth Registration.

- (a) Sikkim
- (b) Manipur
- (c) Tripura
- (d) Nagaland

Q68. Which products from Jammu and Kashmir have recently been awarded the GI (Geographical Indication) Tag?

- (a) Kashmiri Apples and Oranges
- (b) Jammu and Kashmir Tea
- (c) Bhaderwah Rajma & Ramban Sulai Honey
- (d) Saffron from Jammu and Kashmir

Q69. Who has been named the 2023 UNHCR Nansen Refugee Award Global Laureate?

- (a) Abdullahi Mire
- (b) Ahmed Hassan
- (c) Fatima Ali
- (d) Ibrahim Abdullah

Q70. _____ by Anthony Chen bags prestigious ICFT-UNESCO Gandhi Medal at the 54th International Film Festival of India.

- (a) Drift
- (b) Endless borders
- (c) Man on Wire
- (d) Citizenfour

Q71. Select the most appropriate ANTONYM of the given word.

Calm

- (a) Turbulent
- (b) Shocked
- (c) Variable
- (d) Confused

Q72. Select the most appropriate option that can substitute the highlighted segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The cat climbed a tree and **perched** itself on a branch.

- (a) parched
- (b) No substitution required
- (c) perked
- (d) perished

Q73. Select the INCORRECTLY spelt word from the highlighted words in the following sentence.

But he waited with the **inconceivable** patience and **persistancy** of the race; besides, he was certain, the cat was a creature of absolute **convictions** and his faith in his **deductions** never wavered.

- (a) inconceivable
- (b) deductions
- (c) convictions
- (d) persistancy

Q74. The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

I am sure Helena would passes with flying colours.

- (a) would passes
- (b) No error
- (c) I am sure Helena
- (d) With flying colours

Q75. Select the most appropriate option that can substitute the highlighted segment in the given sentence.

The manager noticed a **discrepancy** between the two audit reports.

- (a) deliberate mistake
- (b) selfish interest
- (c) major difference
- (d) great similarity

Q76. Select the most appropriate option that can substitute the highlighted segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Despite of an injury, he won the match.

- (a) No substitution required
- (b) In spite off
- (c) Despite
- (d) In despite of

Q77. Identify the error in tense and choose the correct form of the verb in present tense from the following options.

My teacher often forget the name of students.

- (a) was forgetting
- (b) have been forgetting
- (c) forgot
- (d) forgets

Q78. Select the most appropriate idiom to fill in the blank and complete the meaning of the sentence.

Most of the ministers are concerned with the _____ of office than the service of man.

- (a) leaps and bounds
- (b) loaves and fishes
- (c) wear and tear
- (d) Herculean task

Q79. Select the most appropriate meaning of the given idiom.

To let the cat out of the bag

- (a) To hide the truth
- (b) To be in a hurry
- (c) To be careful
- (d) To reveal a secret

Q80. Select the most appropriate ANTONYM of the given word.

Sluggish

(a) Abnormal

(b) Utterly

(c) Swift

(d) Slow

Directions (81-85): Read the given passage carefully and answer the questions that follow.

The rise of social media has undoubtedly changed the way we communicate with one another. It has connected people from all over the world and provided a platform for voices that were once silenced. However, as with any form of communication, social media has its downsides. One of the most significant downsides is the spread of misinformation. With the rise of social media, anyone can become a content creator, which means that anyone can share information without fact-checking or considering the consequences. This has led to a proliferation of false information, from conspiracy theories to hoaxes, that can quickly spread and cause harm. One recent example of this is the COVID-19 pandemic. Social media has played a significant role in the spread of misinformation about the virus and the vaccines. False claims about the safety and effectiveness of the vaccines have caused many people to be hesitant or outright refuse to get vaccinated. This, in turn, has led to the prolongation of the pandemic and the loss of many lives. The spread of misinformation on social media is not a new phenomenon. In fact, it has been around for centuries. However, the speed and ease with which misinformation can spread on social media have made it a particularly pernicious problem in our modern world. Throughout history, misinformation has been used to sow discord and manipulate people. For example, during World War II, the Nazi regime used propaganda to spread false information about Jews, Roma, and other targeted groups in order to justify their persecution and ultimately their extermination. Similarly, during the Cold War, both the United States and the Soviet Union used propaganda to demonise one another and sway public opinion. The difference now is that social media has made it easier than ever to spread

false information. A single post or tweet can reach millions of people within seconds, and it can be difficult to counteract the effects of that misinformation once it has spread. So, what can we do about it? The answer is not simple, but it starts with education. We need to teach people how to think critically, how to fact-check, and how to discern between credible sources and fake news. We also need to hold social media companies accountable for the content on their platforms and ensure that they are doing their part to combat the spread of misinformation. In short, the rise of social media has given us a powerful tool for communication, but we must use it wisely. We must be vigilant against the spread of misinformation and work together to ensure that the information we consume and share is accurate and reliable.

Q81. What is the ANTONYM of the word 'accurate', " as used in the passage?

(a) Correct

(b) Inexact

(c) Precise

(d) Reliable

Q82. Identify the main theme of the passage.

(a) The role of education in combating misinformation.

(b) The dangers of spreading false information on social media.

(c) The significance of propaganda and misinformation.

(d) The benefits of social media for communication.

Q83. According to the passage, which of the following is NOT a cause of the spread of false information on social media?

(a) Lack of education and critical thinking skills among social media users.

(b) Inability to discern between credible sources and fake news.

(c) Social media companies' failure to regulate false information on their platforms.

(d) The desire of people to engage in controversial and sensational content.

Q84. What is the author's opinion of social media in this passage?

- (a) Social media has had a mostly positive impact on society despite some drawbacks.
- (b) Social media is responsible for the spread of false information, but its impact on society is otherwise neutral.
- (c) Social media has changed the way we communicate, but has also brought about significant negative consequences.
- (d) Social media is a powerful tool for communication that has many benefits.

Q85. What is the author's purpose in writing this passage?

- (a) To warn readers of the dangers of spreading false information on social media.
- (b) To provide an in-depth analysis of the benefits of social media for communication.
- (c) To explain the history of propaganda and misinformation and its impact on society.
- (d) To persuade readers to delete their social media accounts.

Directions (86-100): निम्नलिखित प्रश्नों का ध्यानपूर्वक अध्ययन कीजिए और प्रश्नों के उत्तर देने के लिए उचित विकल्प का चयन कीजिए।

Q86. निम्नलिखित शब्दों में से कौनसा शब्द 'स्त्रीलिंग' है?

- (a) नगर
- (b) ऋतु
- (c) सोमवार
- (d) चैत्र

Q87. निम्नलिखित शब्दों में से कौन शब्द पुल्लिंग है?

- (a) दया
- (b) घटना
- (c) जड़ता
- (d) बुढ़ापा

Q88. 'कमल फूलों में' सुन्दरतम है' वाक्य में कौनसा कारक है?

- (a) सम्बन्ध कारक
- (b) अधिकरण कारक
- (c) सम्बोधन कारक
- (d) करण कारक

Q89. ध्रुव शब्द का पर्यायवाची रूप शब्द क्या होगा ?

- (a) अविचल
- (b) उत्तानपाद के पुत्र
- (c) सिरा
- (d) उत्तरी और दक्षिणी

Q90. ब्रह्मा शब्द का पर्यायवाची रूप क्या होगा?

- (a) विधाता
- (b) करतार
- (c) कर्ता
- (d) रचयिता

Q91. निम्नलिखित विकल्पों में से 'कुम्हड़े की बतिया होना' मुहावरे का अर्थ क्या होगा?

- (a) हठी होना
- (b) तंदरुस्त होना
- (c) कोमल और अशक्त होना।
- (d) बेवकूफ होना

Q92. निम्नलिखित विकल्पों में से लिंग और वचन के आधार पर भिन्न शब्द है।

- (a) दर्शन
- (b) प्रजा
- (c) वर्षा
- (d) छाया

Q93. निम्नलिखित विकल्पों में से शुद्ध वर्तनी का चयन करें।

- (a) मुमूर्षु
- (b) मुर्मूष
- (c) मुमुर्षु
- (d) मुर्मूस

Q94. निम्नलिखित विकल्पों में से शुद्ध वर्तनी का चयन करें।

- (a) रूगड़
- (b) रूग्न
- (c) रुग्ण
- (d) रूग्ण

Q95. निम्नलिखित विकल्पों में से शुद्ध वर्तनी का चयन करें।

- (a) चर्मोत्कर्ष
- (b) चरमोत्कर्ष
- (c) चमोर्तकर्ष
- (d) चरमोर्तकर्ष

Q96. निम्नलिखित विकल्पों में से 'सौरी' का तत्सम शब्द का चयन करें।

- (a) जन्मगृह
- (b) प्रसूतिगृह
- (c) प्रसूतगृह
- (d) प्रसूतिग्रह

Q97. निम्नलिखित विकल्पों में से 'ठाकुर' का तत्सम शब्द का चयन करें।

- (a) ठकुराइन
- (b) ठक्कुरा
- (c) ठाकूर
- (d) ठकराल

Q98. निम्नलिखित विकल्पों में से 'पापड़' का तत्सम शब्द का चयन करें।

- (a) पर्पति
- (b) पर्पट
- (c) पर्पटी
- (d) फोफी

Q99. निम्नलिखित विकल्पों में से 'अथाह' का विलोम शब्द क्या होगा?

- (a) अधिक
- (b) छिछला
- (c) आवश्यकता से अधिक
- (d) कम

Q100. निम्नलिखित विकल्पों में से 'अद्यतन' का विलोम शब्द क्या होगा?

- (a) आदियुग
- (b) पुराना
- (c) पुरातन
- (d) जटिल

Q101. Which of the following is not a component of a central processing unit (CPU) ?

- (a) Arithmetic logic unit
- (b) Secondary storage
- (c) Registers
- (d) Control unit

Q102. The contents of most forms of RAM are _____ thus making them unsuitable for long term data storage.

- (a) dynamic
- (b) volatile
- (c) static
- (d) fragmented

Q103. _____ develop software such as operating systems, compilers, database management systems, and network security monitors.

- (a) Application programmers
- (b) Systems programmers
- (c) Database programmers
- (d) Systems analysts

Q104. In many CPUs, a register called the _____ stores condition codes, including those representing processing errors and the results of comparison operations.

- (a) instruction pointer
- (b) integer register
- (c) program status word
- (d) instruction register

Q105. The IPv4 address consists of

- (a) 32 bits
- (b) 64 bits
- (c) 16 bits
- (d) 128 bits

Q106. _____ transmissions allow data to flow in both directions simultaneously.

- (a) Line-of-sight
- (b) Half-Duplex
- (c) Simplex
- (d) Full-Duplex

Q107. A named anchor in HTML is a

- (a) Specific location within a web page that you can link to.
- (b) URL from where one can begin using web search engines
- (c) Mechanism by which an image can be fixed to a point on the web page
- (d) Tag with descriptive text that pops up when the mouse hovers over a link

Q108. A SIM in a mobile phone stands for

- (a) Subscriber Internet Module
- (b) Subscriber Identity Module
- (c) Subscriber Internet Model
- (d) Subscriber Identity Memory

Q109. Delivery and storage of email messages to a server is achieved using _____.

- (a) Post Office Protocol (POP)
- (b) Internet Mail Access Protocol (IMAP)
- (c) Simple Mail Transfer Protocol (SMTP)
- (d) Hypertext Transfer Protocol (HTTP)

Q110. How much memory is required to store an image that uses 256 colors and is 10 pixels high and 10 pixels long?

- (a) 256 bits
- (b) 100 bytes
- (c) 800'bytes
- (d) 25,600 bits

Q111. How many bit strings of length 8 either start with a bit | or end with the two bits 00?

- (a) 64
- (b) 128
- (c) 160
- (d) 255

Q112. The objective of _____ is to derive the design or specification of a system from its source code, while the objective of _____ is to produce a new, more maintainable system.

- (a) Reverse Engineering, Software Re-Engineering
- (b) Software Verification, Software Validation
- (c) Software Engineering, Requirement Engineering
- (d) Software Measurement, Software Verification

Q113. Three file descriptors associated with every Linux process are:

- (a) standard input, standard output, and standard pipe
- (b) standard input, standard output, and standard error
- (c) standard input, standard output, and standard deviation
- (d) standard input, standard output, and standard terminal

Q114. MS-Word automatically moves the text to the next line when it reaches the right edge of the screen and is called

- (a) Carriage Return
- (b) Enter
- (c) Word Wrap
- (d) AutoText

Q115. In MS-Word, Portrait and Landscape are

- (a) Paper Size
- (b) Page Layout
- (c) Paragraph Settings
- (d) Page Orientation

Q116. Thesaurus tool in MS Word is used for:

- (a) Spelling suggestions
- (b) Synonyms words
- (c) Grammar checking
- (d) Autocorrect options

Q117. In the context of MS-EXCEL, getting data from a cell located in a different sheet is called _____ and the correct way to refer the cell A10 on sheet3 from sheet I is _____

- (a) Accessing; sheet3.A10
- (b) Referencing; sheet3!A10
- (c) Accessing; sheet1!A10
- (d) Referencing; sheet3\$A 10

Q118. In the context of MS-EXCEL, what happens when dollar signs (\$) are entered in a cell address? (e.g. \$B\$2:\$B\$10)

- (a) An absolute cell address is created
- (b) Cell address will change when it is copied to another cell
- (c) The sheet tab is changed
- (d) The status bar does not display the cell address

Q119. What does HTTP stand for?

- (a) Hypertext Transfer Protocol
- (b) Hypertext Transfer Plotter
- (c) Head Tail Transfer Plot
- (d) Head Tail Transfer Protocol

Q120. WAV file format is associated with what type of files?

- (a) Video
- (b) Sound
- (c) Image
- (d) Word Document

Q121. Which port is used to connect dot matrix printer to the computer?

- (a) Serial Port
- (b) USB Port
- (c) Parallel Port
- (d) Sequential Port

Q122. Which of the following is not a utility program?

- (a) XCOPY
- (b) Data recovery
- (c) Scandisk
- (d) Backup

Q123. In a computer keyboard the Ctrl, Shift, Insert and Del Keys are known as:

- (a) Standard keys
- (b) Function keys
- (c) Special keys
- (d) Navigation keys

Q124. What are the uses of 'Snap Assist' in Windows 10?

- (a) Screen shot
- (b) To take a snap
- (c) making multiple windows run on one screen
- (d) All of the above

Q125. What is the full form of GPS?

- (a) Global Parameter Service
- (b) Google Parameter Service

(c) Global Positioning System

(d) Google Play Store

Q126. Which computer virus records every movement you make on the computer?

- (a) Trapper
- (b) Key logger
- (c) DOS
- (d) Malware Android

Q127. What is the extension of PowerPoint template?

- (a) .pptx
- (b) .potx
- (c) .tpx
- (d) .ptx

Q128. _____ means a system of a secure key pair consisting of a private key for creating a digital signature and a public key to verify the digital signature.

- (a) Digital Certificate
- (b) Hash Function
- (c) Asymmetric Crypto System
- (d) Symmetric Encryption

Q129. The term 'e-participation' refers to:

- (a) Electronic voting
- (b) Online surveys
- (c) Citizen engagement in governance
- (d) E-commerce transactions

Q130. Which command in Windows is used to display or modify file extensions?

- (a) attrib
- (b) ren
- (c) dir
- (d) assoc

Solutions

S1. Ans.(d)

Sol. The pattern follows a sequence of decreasing by 3 letters and 2 letters ultranet in the alphabet:
 V (-3) S (-2) Q (-3) N (-2) L (-3) I (-2) G
 So, the answer is Q, I.

S2. Ans.(a)

Sol. +1 pattern follows for each letter.
 J (+1) K (+1) L (+1) M (+1) N,
 M (+1) N (+1) O (+1) P (+1) Q,
 T (+1) U (+1) V (+1) W (+1) X.
 So, the answer is NQX.

S3. Ans.(b)

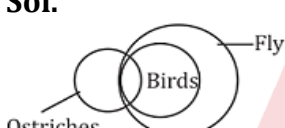
Sol.
 4, 9, 16, 25, 36, 49, 64
 $(2)^2$ $(3)^2$ $(4)^2$ $(5)^2$ $(6)^2$ $(7)^2$ $(8)^2$

S4. Ans.(c)

Sol.
 80, 63, 48, 35, 24, 15
 $(9)^2 - 1$, $(8)^2 - 1$, $(7)^2 - 1$, $(6)^2 - 1$, $(5)^2 - 1$, $(4)^2 - 1$

S5. Ans.(b)

Sol.

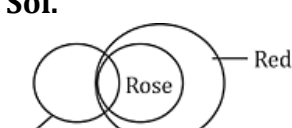


Ostriches

- (i) *
- (ii) ✓
- (iii) *

S6. Ans.(c)

Sol.



Flowers

- (i) ✓
- (ii) *
- (iii) ✓

S7. Ans.(d)

Sol. 'THEORY'; There is no 'O & Y' in the given word.

S8. Ans.(c)

Sol. 'MEADOW'; The word 'MEADOW' cannot be formed from the original word due to the absence of letter 'W'.

S9. Ans.(d)

Sol. 'PROUD'; There is no 'D' and 'U' in the given word.

S10. Ans.(a)

Sol. Point → Line → Circle → Shape

S11. Ans.(a)

Sol. Abstract → Introduction → Body → Conclusion

S12. Ans.(a)

Sol. Manufacturer → Distributor → Retailer → Customer

S13. Ans.(d)

Sol. The odd one out is (d). The other brands are all American companies, while BMW is a German company.

S14. Ans.(c)

Sol. 'Meticulous' and 'Careful' have similar meanings. Similarly, 'Lethargic' and 'Slack' have similar meanings.

S15. Ans.(c)

Sol. $14 \times 14 = 196 = 1 + 9 + 6 = 16$;
 $22 \times 22 = 484 = 4 + 8 + 4 = 16$.

S16. Ans.(b)

Sol.
J > O > U > P > H > B
56 43
 O gets 56 marks.

S17. Ans.(b)

Sol.
J > O > U > P > H > B
56 43
 Two students get less marks than P.

S28. Ans.(b)**Sol.**

$$\text{Fourth Proportional} = \frac{2}{9} = \frac{5}{x}$$

$$x = \frac{45}{2}$$

$$\text{Third Proportional} = \frac{6}{12} = \frac{12}{y}$$

$$y = 24$$

$$\text{Ratio} = \frac{45}{2} : 24$$

$$45 : 48$$

$$15 : 16$$

S29. Ans.(c)**Sol.**

$$\text{Loss} = \text{let } 5x$$

$$\text{Profit} = \frac{120}{100} \times 5x = 6x$$

ATQ,

$$140 + 5x = 250 - 6x$$

$$11x = 110$$

$$x = 10$$

$$\text{Loss} = 50$$

$$\text{CP} - 50 = 140$$

$$\text{CP} = 140 + 50 = \text{Rs. } 190$$

$$\text{Gain } 20\% = 190 \times \frac{120}{100} = \text{Rs. } 228$$

S30. Ans.(a)**Sol.**

$$\begin{array}{l} \text{Abhi + Abinav} \text{ --- } 58 \\ \text{Abhi + Arav} \text{ --- } 29 \\ \text{Arav + Abinav} \text{ --- } 87 \end{array} \quad \begin{array}{l} \diagup \\ \diagdown \\ \diagup \\ \diagdown \\ \diagup \\ \diagdown \end{array} \quad \begin{array}{l} 174 \\ 174 \\ 174 \end{array} \quad \begin{array}{l} \diagdown \\ \diagup \\ \diagdown \\ \diagup \\ \diagdown \\ \diagup \end{array} \quad \begin{array}{l} 3 \\ 6 \\ 2 \end{array}$$

$$2 (\text{Abhi} + \text{Abhinav} + \text{Arav}) = 11$$

$$\text{Abhi} + \text{Abhinav} + \text{Arav} = \frac{11}{2}$$

$$\text{Time} = \frac{174}{\left(\frac{11}{2}\right)} = \frac{174 \times 2}{11} = \frac{348}{11}$$

S31. Ans.(c)**Sol.**Divisible by 21 means divisible by 7 and 3 both because $21 \Rightarrow 7 \times 3$

1410 is divisible by 3 but not divisible by 7.

1870 is not divisible by both.

3675 is divisible by Both.

2250 is divisible by 3 but not divisible by 7.

S32. Ans.(a)**Sol.**

$$\begin{array}{l} \text{A} \text{ --- } 12 \\ \text{B} \text{ --- } 15 \\ \text{C} \text{ --- } 21 \end{array} \quad \begin{array}{l} \diagup \\ \diagdown \\ \diagup \\ \diagdown \end{array} \quad \begin{array}{l} 420 \\ 420 \\ 420 \end{array} \quad \begin{array}{l} \diagdown \\ \diagup \\ \diagdown \\ \diagup \end{array} \quad \begin{array}{l} 35 \\ 28 \\ 20 \end{array}$$

$$1^{\text{st}} \text{ day} \quad 2 \quad 3 \quad 4 \quad \text{--- so on}$$

$$\text{A} \quad \text{A+B+C} \quad \text{A} \quad \text{A+B+C} \quad \text{--- so on}$$

Work done in 2 days

$$= 35 + 83 = 118$$

$$2 \times 3 = 118 \times 3$$

$$= 6 \text{ days} = 354 \text{ unit}$$

$$7 \text{ days} = 354 + A = 354 + 35 = 389$$

Next days work completely $A + B + C = 83$ unitsBut we need $420 - 389 = 31$ units

$$\text{Work completed in } 7 \text{ days} + \frac{31}{83} \text{ days} = 7 \frac{31}{83} \text{ days}$$

S33. Ans.(c)**Sol.**

$$287 - \left[\frac{1}{9} \{42 - 15\} + 108 \right]$$

$$287 - \left[\frac{1}{9} \times 27 + 108 \right]$$

$$287 - [111] = 176$$

S34. Ans.(a)**Sol.**

$$2, 3, 5, 7, 11, 13, 17, 19, 23$$

$$\text{Odd} = 3, 5, 7, 11, 13, 17, 19, 23, \text{Sum} = 98$$

$$\text{Average} = \frac{98}{8} = \frac{49}{4}$$

S35. Ans.(b)**Sol.**

$$\frac{A}{B} = \frac{11}{3} \times \frac{2}{2} = \frac{22}{6}, \quad \frac{B}{C} = \frac{6}{7}$$

$$A : B : C$$

$$22 : 6 : 7$$

S36. Ans.(d)**Sol.**

$$\begin{array}{l} \text{A + R} \text{ --- } 28 \\ \text{A} \text{ --- } 42 \\ \text{R} \text{ --- } 84 = \frac{84}{1} \end{array} \quad \begin{array}{l} \diagdown \\ \diagup \\ \diagdown \\ \diagup \end{array} \quad \begin{array}{l} 84 \\ 84 \\ 84 \end{array} \quad \begin{array}{l} \diagdown \\ \diagup \\ \diagdown \\ \diagup \end{array} \quad \begin{array}{l} 3 \\ 2 \\ 1 \end{array} \quad \begin{array}{l} \\ \\ \\ (3-2) \end{array}$$

R Takes 84 days.

S37. Ans.(d)**Sol.**

$$\text{CP} \quad 35 \text{ Books} \rightarrow 70 \text{ Rs.} \times 2$$

$$\text{SP} \quad 70 \text{ Books} \rightarrow 35 \text{ Rs.}$$

To making Same no. of Books

$$\text{CP} \rightarrow 70 \text{ Books} \rightarrow 140 \text{ Rs.}$$

$$\text{SP} \rightarrow 70 \text{ Books} \rightarrow 35 \text{ Rs.}$$

$$L\% = \frac{140 - 35}{140} \times 100$$

$$L\% = 75\%$$

S38. Ans.(a)**Sol.**

$$100 \times \pi r^2 h = \pi \left(\frac{98}{2}\right)^2 \times 25$$

$$4 \times r^2 h = 49 \times 49$$

$$r^2 h = \frac{49 \times 49}{4}$$

2 small cylinder volume

$$2 \times \pi r^2 h$$

$$2 \times \frac{22}{7} \times \frac{49 \times 49}{4}$$

$$= 11 \times 7 \times 49$$

$$= 3773 \text{ cm}^3$$

S39. Ans.(a)**Sol.**

$$\text{Total distance} = 70 \times \frac{10}{60} + 20 \times \frac{25}{60} + 45 \times \frac{15}{60}$$

$$= \left(\frac{70}{6} + \frac{25}{3} + \frac{45}{4}\right) \text{ km}$$

$$= \left(20 + \frac{45}{4}\right) \text{ km} = \frac{125}{4} \text{ km}$$

$$\text{Total Time} = (10 + 25 + 15) \text{ min} \times \frac{1}{60} = \frac{5}{6} \text{ hours}$$

$$\text{Average speed} = \frac{125/4}{5/6}$$

$$\frac{125}{4} \times \frac{6}{5} = \frac{75}{2} = 37.5 \text{ km/h}$$

S40. Ans.(b)**Sol.**

$$\text{Total Votes} = 16500$$

$$\text{Valid Votes} = \frac{90}{100} \times 16500 = 14850$$

One Candidate got 54% then other got 46%

$$\text{Another candidate got } \frac{46}{100} \times 14850$$

$$= 6831 \text{ Votes}$$

S41. Ans.(c)**Sol.**

The correct answer is (c) Frequency

The speed of sound in a medium is primarily determined by its density, elasticity, and temperature

$$v = \frac{\sqrt{B}}{\rho}$$

Where:

- v is the speed of sound
- B is the bulk modulus of the medium (related to elasticity)

 ρ is the density of the medium**S42. Ans.(a)**

Sol. Thrombocytes, also known as platelets, are the smallest blood cells and play a vital role in blood clotting. They release chemicals that help to form a clot at the site of a wound. Neutrophils are a type of white blood cell that are involved in fighting infection. Leucocytes are a general term for white

blood cells, which also include lymphocytes, monocytes, and eosinophils. Erythrocytes are red blood cells, which are responsible for carrying oxygen.

S43. Ans.(b)

Sol. The name of the preaching mudra or gesture in which the Buddha is depicted delivering his first sermon is Dharmachakra mudra. The Dharmachakra mudra is also known as the "Gesture of Teaching" or the "Gesture of Turning the Wheel of Dharma." In this mudra, the Buddha is depicted with his right hand raised and his thumb and index finger touching, while the other fingers are extended. This gesture symbolizes the Buddha's teaching and the turning of the wheel of Dharma, representing the Buddha's proclamation of the Four Noble Truths and the Eightfold Path to his disciples during his first sermon at Deer Park in Sarnath. The Dharmachakra mudra is one of the most common and recognizable mudras associated with the Buddha's teachings.

S44. Ans.(a)

Sol. The correct answer is (a) Nawab of Bengal.

The Battle of Buxar, which took place on October 22, 1764, was fought between the British East India Company and a coalition of Indian rulers. The coalition was led by the Nawab of Bengal, Mir Qasim, along with the support of the Mughal Emperor Shah Alam II and the Nawab of Awadh. The battle resulted in a decisive victory for the British East India Company, consolidating their control over Bengal and other parts of India.

S45. Ans.(b)

Sol. The correct answer is (b)

Barren Island is the only confirmed active volcano in South Asia on an island situated in the Andaman Sea.

- It is one of the most easterly of Andaman Islands.
- Along with the rest of the Andaman Islands, it is a part of the Indian Union Territory of Andaman & Nicobar Islands.

S46. Ans.(b)**Sol.** The correct answer is (b)

The proportion of the Scheduled Tribes to the total population of the States/Union Areas is highest in Mizoram (94.8%) followed by Nagaland (86.4%) & Lakshadweep (94.5%), Meghalaya (86.1%), Chhattisgarh (30.6%), Jharkhand (26.2%) & Odisha (22.8%). Population of ST: Madhya Pradesh (1,53,16,784); Assam (38,84,371), Bihar (13,36,573), Odisha (95,90,756) as per 2011 census.

S47. Ans.(d)**Sol.** The correct answer is (d) Kharif.

Bajra is a Kharif crop, which means that it is sown during the monsoon season and harvested in the autumn season. The monsoon season in India runs from June to September. Bajra is grown in the northern Indian states, such as Rajasthan, Uttar Pradesh, and Gujarat.

Here are some additional details about Bajra:

- Bajra is a drought-tolerant crop, which means that it can grow in dry conditions.
- Bajra is a cereal crop, which means that it is a grain that is used for food.
- Bajra is a major source of food in India.
- Bajra is also used to make flour, porridge, and beer.

S48. Ans.(a)**Sol.** The correct answer is (a)

CITES stands for the Convention on International Trade in Endangered Species of Wild Fauna and Flora. This international agreement, established in 1973, aims to regulate and monitor the trade of endangered plants and animals to ensure their protection and sustainable use.

S49. Ans.(d)**Sol.** The correct answer is (d)

The International Day of Zero Waste celebrated on March 30, 2023, was an important event designed to raise awareness about the urgent need to address the global waste crisis.

- Established by the United Nations Environment Programme (UNEP) and the UN Human Settlements Programme (UN-Habitat),

- Objective - to highlight the significance of zero-waste initiatives in tackling the waste crisis and to promote sustainable waste management practices.
- The USA generates the highest amount of waste in the world, with each person producing an average of 4.5 pounds (2 kg) of municipal solid waste (MSW) daily.
- Average per capita waste in India is about 670 grams per day.

S50. Ans.(a)**Sol.** The correct answer is (a)

- The Preamble to the Indian Constitution was inspired by the Preamble of the Constitution of the USA.
- The Preamble is a part of the Indian constitution which, gives us fundamental values and highlights of the Constitution
- Keywords in the Preamble Sovereign, Socialist, Secular, Democratic, Republic, Justice, Liberty, Equality, and Fraternity.

S51. Ans.(a)**Sol.** The correct answer is (a)

The Fourth Schedule to the Constitution provides for allocation of seats to the States and Union Territories in Rajya Sabha. The allocation of seats is made on the basis of the population of each State. Consequent on the reorganization of States and formation of new States, the number of elected seats in the Rajya Sabha allotted to States and Union Territories has changed from time to time since 1952.

S52. Ans.(d)**Sol.** The correct answer is (d)

In the given options, $M3 = M1 + \text{Net time deposits of post office savings}$ is not correct.

- The money supply in the economy is represented using a monetary aggregate called 'broad money', also denoted as M3.
- From 1977 to 1998, RBI used four monetary aggregates – M1, M2, M3 and M4 – to measure money supply.
- However, measuring standards changed in 1998.
- Now, the nomenclature is M0, M1, M2, and M3.

S53. Ans.(c)

Sol. L.C. Gupta Committee former Member, SEBI was appointed by SEBI to advise on the development of appropriate regulatory framework for derivatives trading in India in the year 1996

S54. Ans.(b).

Sol. The Great Barrier Reef stretches over 2,300 kilometers off the coast of Queensland, Australia.

S55. Ans.(a)

Sol. The Great Barrier Reef is located off the coast of Queensland, Australia.

S56. Ans.(a)

Sol. The Great Barrier Reef Marine Park Act of 1975 was established to protect the marine ecosystem of the Great Barrier Reef.

S57. Ans.(a)

Sol. Among the reef's numerous islands, Hamilton Island is notable for its resort facilities and bird sanctuaries.

S58. Ans.(b)

Sol. The Great Barrier Reef is home to over 1,500 species of fish, showcasing its incredible biodiversity.

S59. Ans.(c)

Sol. The Kakrapar Atomic Power Station is located in the Surat district of Gujarat, India. So, the answer is (c).

- The Kakrapar Atomic Power Station is India's largest nuclear power plant. It has four operational units, each with a capacity of 220 megawatts. The plant is operated by the Nuclear Power Corporation of India Limited (NPCIL).
- Kakrapar Atomic Power Station is a nuclear power station in India, which lies in the proximity of Mandvi, Surat, and Tapi rivers in the state of Gujarat.
- Kakrapar Atomic Power Station is the first and largest indigenous 700 MWe Nuclear Power Plant.

S60. Ans.(c)

Sol. Bhatiali is the folk music of West Bengal.

S61. Ans.(a)

Sol. Correct answer is (a).

The launch date of the Aditya L1 mission was on 2nd September 2023.

The Aditya L1 mission is a solar mission by the Indian Space Research Organisation (ISRO). It was launched from the Satish Dhawan Space Centre in Sriharikota, Andhra Pradesh, India. It will reach a point 1.5 million km away from Earth to a special spot known as Lagrange point 1 (L1).

- The mission aims to study the Sun's corona and atmosphere. Aditya L1 is the first space-based Indian mission to study the Sun.
- The Aditya L1 mission is named after Aditya, the Hindu god of the Sun. The mission is expected to last for five years.

S62. Ans.(d)

Sol. The Global India AI 2023 Summit is scheduled to take place on October 14 and 15, 2023. So, the answer is (d).

- The Ministry of Electronics and Information Technology will be organizing the Global India AI 2023. The Global India AI 2023 conference is tentatively planned for October 14 and 15 and it will bring together the best and brightest in AI from India and around the world.
- There will be participation from leading AI players, researchers, start-ups, and investors in India and worldwide. The summit will be held in New Delhi.

S63. Ans.(b)

Sol. The correct answer is (b) Maharashtra.

- Maharashtra emerged as the front-runner in attracting Foreign Direct Investment (FDI) in the first quarter of FY 2023-24, with a total investment of Rs 36,634 crore. The state had received ₹1, 18,422 crore in FDI last year.
- This was followed by ₹15,358 crore by Delhi, ₹12,046 crore by Karnataka, and ₹6,829 crore by Telangana.

S64. Ans.(c)

Sol. The proposed green hydrogen and green ammonia project is set to be established in Odisha.

- The project is a joint venture between ACME Group and Tata Steel Special Economic Zone Limited (TSSEZL). It will be located in the Gopalpur Industrial Park in Odisha.
- The project is expected to cost around Rs 27,000 crore and will create around 1600 direct and 4000 indirect jobs. It is expected to be completed by 2025.
- The project will produce 1.3 million tonnes of green ammonia per year. Green ammonia is a clean-burning fuel that can be used in a variety of applications, including power generation, fertilizer production, and transportation.
- The project is expected to help Odisha become a major hub for green hydrogen production in India.

S65. Ans.(b)

Sol. The recipients of the Ramon Magsaysay Award in its 65th edition are Korvi Rakshand, Eugenio Lemos, Miriam Coronel-Ferrer, and Dr. Ravi Kannan R. So, the answer is (b).

- Korvi Rakshand is a Bangladeshi youth leader who has founded the JAAGO Foundation, which provides free, quality education to underprivileged children in Bangladesh.
- Eugenio Lemos is a Timorese lawyer and human rights defender who has worked to promote justice and reconciliation in Timor-Leste.
- Miriam Coronel-Ferrer is a Filipino journalist and human rights defender who has exposed corruption and abuse of power in the Philippines.
- Dr. Ravi Kannan R. is an Indian oncologist who has dedicated his life to providing affordable cancer care to the poor in Assam, India.
- Ramon Magsaysay Award:
- The Ramon Magsaysay Award is Asia's highest honor for public service, and is often called the "Nobel Prize of Asia". It is named after former Philippine President Ramon Magsaysay, who was known for his integrity, courage, and compassion.

- The Ramon Magsaysay Award Foundation gives the prize to Asian individuals achieving excellence in their respective fields. This award is given annually.
- The prize was established in April 1957 by the trustees of the Rockefeller Brothers Fund based in New York City with the concurrence of the Philippine government.

S66. Ans.(a)

Sol. The correct answer is (a), Jaya Verma Sinha.

- Jaya Verma Sinha was appointed as the first woman Chairperson of the Railway Board on September 1, 2023. She succeeds Anil Kumar Lahoti.
- She is a 1988-batch Indian Railway Traffic Service (IRTS) officer. She is currently serving as the Member (Operations and Business Development) of the Railway Board.
- Sinha has held several important positions in the Indian Railways, including the post of Chief Operating Officer of Northern Railway. She is a recipient of the President's Award for Distinguished Service.
- The appointment of Sinha as the Chairperson of the Railway Board is a historic moment for the Indian Railways. She is the first woman to hold this position in the 160-year history of the railways.
- Ms. Sinha is the first ever woman to head the Board in its 118-year-old history. The Railway Board came into effect in 1905.
- She also worked as a Railway Advisor in the High Commission of India, Dhaka, Bangladesh for four years. The Maitree Express from Kolkata to Dhaka was inaugurated during her tenure in Bangladesh.

S67. Ans.(d)

Sol. The correct answer is (d), Nagaland. Nagaland has become the first State in the North Eastern Region to initiate Aadhaar Linked Birth Registration (ALBR).

- This pioneering initiative aims to streamline birth registration by integrating Aadhaar enrolment for children in the age group of 0 to 5 years.

- The ALBR scheme will help to ensure that all births in Nagaland are registered. It will also help to provide children with a legal identity and access to government benefits.

S68. Ans.(c)

Sol. The correct answer is (c), Bhaderwah Rajma & Ramban Sulai Honey.

- Bhaderwah Rajma and Ramban Sulai Honey from Jammu and Kashmir have recently been awarded the GI (Geographical Indication) Tag. The GI tag is a geographical indication that identifies a product as originating from a particular place. It is a mark of quality and authenticity.

More Details:

- Premium Bhaderwah rajmah of Jammu is a red kidney bean that is smaller and distinct in texture. It has a sweet nuttier taste and is used to make a lot of delicious recipes. This rajmah is grown as an intercrop with maize in Chinta Valley of Doda district.
- Sulai honey, meanwhile is a premium and exotic variety of honey in Ramban. Known for its taste across the globe, this honey is extracted from Sulai plants grown on the Himalayas of Ramban, Doda.
- Earlier in March this year, Basohli painting of Kathua, and Ladakh wood carving got the GI tag. In August, Chikri woodcraft from Rajouri, and Mushqbudji rice from Anantnag district received the GI tag.

S69. Ans.(a)

Sol. The answer is (a) Abdullahi Mire.

- Abdullahi Mire, a Somali refugee, has been named the 2023 UNHCR Nansen Refugee Award Global Laureate for his work championing the right to education for displaced children.
- Through his organization, Mire has put over 100,000 books in the hands of refugees and provided them with access to quality education.

- He was officially announced as the winner on November 30, 2023, and will receive the award at a ceremony in Geneva, Switzerland, on December 13, 2023.

About the United Nations High Commissioner for Refugees (UNHCR):

- The United Nations High Commissioner for Refugees (UNHCR) is a United Nations agency mandated to protect and assist refugees worldwide. UNHCR was established in 1950 and is headquartered in Geneva, Switzerland.

S70. Ans.(a)

Sol. The answer is (a) Drift.

“Drift,” directed by Anthony Chen, has been honored with the esteemed ICFT-UNESCO Gandhi Medal at the 54th International Film Festival of India (IFFI).

This award is presented to a film that best reflects Mahatma Gandhi's principles of peace, tolerance, and non-violence. "Drift" stood out among its competitors for its portrayal of these ideals, resonating with the ethos of Gandhi's teachings.

S71. Ans.(a)

Sol. Calm refers to a state of being free from agitation, excitement, or disturbance. It can also mean peaceful, tranquil, or serene.

- Turbulent means characterized by conflict, disorder, or confusion. It can also refer to being unsteady or agitated, often used to describe rough or choppy conditions like in weather or water.
- Antonyms: **Turbulent**, Agitated, Restless, Chaotic.
- Synonyms: Peaceful, Tranquil, Serene, Placid.

Meanings of the other given words:

- Shocked: Struck with fear, horror, or amazement.
- Variable: Liable to change; capable of being varied or changed; inconstant.
- Confused: Unable to think clearly or to understand something; lacking order and clarity.

S72. Ans.(b)

Sol. The sentence "The cat climbed a tree and perched itself on a branch" is correct as it is.

- The word "perched" correctly describes the action of the cat sitting or resting on a branch.
- The other options do not fit contextually:
- "Parched" means dried out with heat, "perked" is often used to describe becoming more cheerful or lively, and "perished" means died.
- Therefore, no substitution is required.

S73. Ans.(d)

Sol. The incorrectly spelled word is "persistancy."

The correct spelling is "persistence."

The other options, "inconceivable," "deductions," and "convictions," are all spelled correctly.

S74. Ans.(a)

Sol. In the given sentence, the error is in part (a) "would passes."

The correct sentence should be "I am sure Helena would pass with flying colours."

The error is in part (a), "would passes." After modal verbs like 'would,' the base form of the verb is used, not the third person singular form. Therefore, 'pass' should be used instead of 'passes.' The rest of the sentence is grammatically correct.

S75. Ans.(c)

Sol. In the sentence, "The manager noticed a discrepancy between the two audit reports," the highlighted segment 'discrepancy' refers to an inconsistency or a lack of compatibility.

- Among the given options, the phrase "major difference" is the most suitable substitute as it closely aligns with the meaning of a discrepancy, which implies a significant variation or divergence between two things.
- The other options do not adequately capture this meaning: a "deliberate mistake" implies intentional error, "selfish interest" is unrelated to the context of audit reports, and "great similarity" is the opposite of what discrepancy implies.

S76. Ans.(c)

Sol. The correct phrase to use in the sentence "Despite of an injury, he won the match" is "Despite."

- The phrase 'despite of' is grammatically incorrect. The correct usage is simply 'despite,' which means 'without being affected by; in spite of.'
- Therefore, the corrected sentence should read: "Despite an injury, he won the match."
- The option "In spite off" is incorrect because the correct phrase is "in spite of," and "In despite of" is not a grammatically correct phrase.

S77. Ans.(d)

Sol. The error in the sentence "My teacher often forget the name of students" lies in the verb tense.

- The sentence is in the simple present tense, which is used to describe habitual actions or general truths. The subject "My teacher" is singular, and therefore, the verb should also be in its singular form.
- The correct verb form is "forgets," making the corrected sentence: "My teacher often forgets the name of students."
- The other options do not correct the tense error: "was forgetting" is past continuous, "have been forgetting" is present perfect continuous, and "forgot" is simple past, none of which are appropriate for a habitual action in the present.

S78. Ans.(b)

Sol. The correct idiom to complete the sentence "Most of the ministers are concerned with the _____ of office than the service of man" is "(b) loaves and fishes."

- This idiom refers to the personal benefits and gains, especially when they are gained in public service. It fits the context of the sentence, which implies that the ministers are more concerned with their personal gains from their office rather than serving the public.
- The other idioms do not fit contextually:
- "Leaps and bounds" refer to rapid progress, "wear and tear" means damage or deterioration due to ordinary use, and "Herculean task" refers to a very difficult or nearly impossible task.

S79. Ans.(d)

Sol. The idiom "To let the cat out of the bag" means to reveal a secret, often unintentionally. It is typically used when someone discloses something that was supposed to be kept confidential.

- Example: During the office meeting, Jane accidentally let the cat out of the bag about the upcoming merger, which was supposed to be a closely guarded secret until the official announcement.

S80. Ans.(c)

Sol. 'Sluggish' means slow-moving or lacking energy. It often implies a sense of lethargy or laziness.

- 'Swift' means moving or capable of moving with great speed. It implies quickness and rapid movement.
- Antonyms: **Swift**, Quick, Lively, Active.
- Synonyms: Slow, Lethargic, Torpid, Inactive.

Meanings of the other given words:

- 'Abnormal': Deviating from what is normal or usual, typically in a way that is undesirable or worrying.
- 'Utterly': Completely and without qualification; absolutely. It is used to emphasize the extent of something, typically something regarded as bad or extreme.
- 'Slow': Moving, happening, or doing something without much speed; not quick or fast.

S81. Ans.(b)

Sol. The antonym of 'accurate' is "Inexact." In the passage, 'accurate' is used to describe information that is precise and correct. Therefore, 'inexact' represents the opposite, indicating information that is imprecise or incorrect.

S82. Ans.(b)

Sol. The main theme of the passage is (b) "The dangers of spreading false information on social media." The passage discusses how the rise of social media has led to the spread of misinformation, the negative consequences of this misinformation, and the need for education and accountability to combat it.

S83. Ans.(d)

Sol. The passage does not mention (d) "The desire of people to engage in controversial and sensational content" as a cause of the spread of false information. Instead, it focuses on factors like lack of education, inability to discern credible sources, and the role of social media companies.

S84. Ans.(c)

Sol. The author's opinion, as expressed in the passage, is (c) "Social media has changed the way we communicate, but has also brought about significant negative consequences." The passage acknowledges the benefits of social media but also highlights the dangers of misinformation spread through these platforms.

S85. Ans.(a)

Sol. The author's purpose in writing this passage is (a) "To warn readers of the dangers of spreading false information on social media." The passage emphasizes the need for vigilance against misinformation and the importance of education and accountability in combating it.

S86. Ans.(b)

Sol. ऋतु शब्द 'स्त्रीलिंग' है।
नगर शब्द पुल्लिंग है।
सोमवार शब्द पुल्लिंग है।
चैत्र शब्द पुल्लिंग है।

S87. Ans.(d)

Sol. बुद्धापा शब्द पुल्लिंग है।
दया शब्द 'स्त्रीलिंग' है।
घटना शब्द 'स्त्रीलिंग' है।
जड़ता शब्द 'स्त्रीलिंग' है।

S88. Ans.(b)

Sol. 'कमल फूलों में' सुन्दरतम है' वाक्य में अधिकरण कारक है।

1. कर्ता— ने
2. कर्म— को
3. करण— से' के द्वारा
4. संप्रदान— को, के लिए
5. अपादान— से (अलग होना)

6. संबंध— का, के, की, रा, री, रे, ना, नी, ने
7. अधिकरण— में, पै, पर
8. संबोधन— हे! अरे! भो!

S89. Ans.(b)

Sol. ध्रुव शब्द का पर्यायवाची रूप उत्तानपाद के पुत्र ही थे। उत्तानपाद स्वयंभुव मनु और शतरूपा के पुत्र थे वे पृथ्वी के पहले कायस्थ सम्राट थे क्योंकि अपनि कम आयु में ही कठोर तपस्या द्वारा श्रीहरि को प्रसन्न करने वाले बालक ध्रुव राजा उत्तानपाद के ही पुत्र थे।

S90. Ans.(a)

Sol. ब्रह्मा शब्द का पर्यायवाची रूप विधाता होगा ब्रह्मा के पर्यायवाची शब्द हैं - विधि, अज, लोकेश, स्वयंभू, पितामह, आत्मभू, विधाता, चतुरानन, कर्तार, कमलासन, नाभिजन्म, हिरण्यगर्भ।

S91. Ans.(c)

Sol. 'कुम्हड़े की बतिया होना' मुहावरे का अर्थ कोमल और अशक्त होना है।

S92. Ans.(a)

Sol. 'दर्शन' लिंग और वचन के आधार पर भिन्न शब्द है।

S93. Ans.(a)

Sol. मूर्धु की शुद्ध वर्तनी है।

S94. Ans.(c)

Sol. रुग्ण की शुद्ध वर्तनी है।

S95. Ans.(b)

Sol. चरमोत्कर्ष की शुद्ध वर्तनी है।

S96. Ans.(b)

Sol. 'सौरी' का तत्सम शब्द प्रसूतिगृह होगा।

S97. Ans.(b)

Sol. 'ठाकुर' का तत्सम शब्द ठक्कुरा होगा।

S98. Ans.(b)

Sol. 'पापड़' का तत्सम शब्द पर्पट होगा।

S99. Ans.(b)

Sol. 'अथाह' का विलोम शब्द 'छिछला' होगा।

S100. Ans.(c)

Sol. 'अद्यतन' का विलोम शब्द पुरातन होगा।

S101. Ans.(b)

Sol. A CPU consists of the Arithmetic Logic Unit (ALU), Control Unit, and Registers. **Secondary storage, such as hard drives, is not part of the CPU.**

S102. Ans.(b)

Sol. Most forms of RAM are **volatile**, meaning they lose their contents when the power is turned off. This makes them unsuitable for long-term data storage.

S103. Ans.(b)

Sol. **Systems programmers** develop fundamental software like operating systems, compilers, database management systems, and network security monitors.

S104. Ans.(c)

Sol. In many CPUs, the **Program Status Word (PSW)** register stores condition codes, including those representing processing errors and results of comparison operations.

S105. Ans.(a)

Sol. An IPv4 address consists of **32 bits**, typically represented as four decimal numbers separated by dots.

S106. Ans.(d)

Sol. **Full-Duplex** transmissions allow data to flow in both directions simultaneously, enabling simultaneous sending and receiving.

S107. Ans.(a)

Sol. A named anchor in HTML is used to **create a specific location within a web page to which you can link directly.**

S108. Ans.(b)

Sol. SIM stands for **Subscriber Identity Module**. It's used in mobile phones for storing subscriber's identity and other information.

S109. Ans.(c)

Sol. Delivery and storage of email messages to a server is achieved using **Simple Mail Transfer Protocol (SMTP)**.

S110. Ans.(b)

Sol. **100 bytes** memory is required to store an' image that uses 256 colors and is 10 pixels high and 10 pixels long

S111. Ans.(c)

Sol. **160** bit strings of length 8 either start with a bit | or end with the two bits 00.

S112. Ans.(a)

Sol. **Reverse Engineering** involves deriving system design from source code, while **Software Re-Engineering** focuses on creating a more maintainable system.

S113. Ans.(b)

Sol. Every Linux process has three file descriptors: **standard input (stdin), standard output (stdout), and standard error (stderr)**.

S114. Ans.(c)

Sol. MS-Word's **Word Wrap feature** automatically moves text to the next line when it reaches the right edge of the screen.

S115. Ans.(d)

Sol. In MS-Word, Portrait and Landscape are types of **Page Orientation**, defining how a document is displayed or printed.

S116. Ans.(b)

Sol. The Thesaurus tool in MS Word is used for finding **synonyms for words**, enhancing vocabulary usage in documents.

S117. Ans.(b)

Sol. In MS-Excel, getting data from a cell in a different sheet is called **referencing**. The correct way to refer to cell A10 on sheet3 from sheet1 is '**sheet3!A10**'.

S118. Ans.(a)

Sol. Entering dollar signs (\$) in a cell address in MS-Excel, like **\$B\$2:\$B\$10**, **creates an absolute cell address**. This address doesn't change when copied to another cell.

S119. Ans.(a)

Sol. HTTP stands for **Hypertext Transfer Protocol**, which is the foundation of data communication for the World Wide Web.

S120. Ans.(b)

Sol. WAV file format is associated with **sound** files. It is a standard format used for storing audio on PCs.

S121. Ans.(c)

Sol. A dot matrix printer is typically connected to a computer using a **parallel port**, which allows for faster data transfer than a serial port and is commonly used for such printers.

S122. Ans.(a)

Sol. XCOPY is not a utility program.

S123. Ans.(c)

Sol. Ctrl, Shift, Insert, and Del keys on a computer keyboard are considered **special keys** because they perform specific functions beyond standard character input or navigation.

S124. Ans.(c)

Sol. Snap Assist in Windows 10 helps users **manage and organize multiple open windows on a single screen**, facilitating multitasking and window management.

S125. Ans.(c)

Sol. GPS stands for Global Positioning System, a satellite-based navigation system that provides location and time information to users anywhere on or near the Earth's surface.

S126. Ans.(b)

Sol. A keylogger is a type of computer virus or malware that records every keystroke made on a computer, including passwords and sensitive information, without the user's knowledge or consent.

S127. Ans.(b)

Sol. The extension for a PowerPoint template is **.potx**. Templates in PowerPoint are saved with this extension and provide a predefined format for creating consistent presentations with specific design elements.

S128. Ans.(c)

Sol. Asymmetric Crypto System refers to a cryptographic system where a pair of keys, consisting of a private key for creating a digital signature and a public key for verifying the signature, is used for secure communication and authentication.

S129. Ans.(c)

Sol. E-participation encompasses the use of ICT to enhance citizen engagement in the governance process.

S130. Ans.(d)

Sol. The **assoc** command is used to display or change the association between file extensions and file types.

