

STAFF SELECTION COMMISSION

CONSTABLE (GD) IN CAPFS, SSF, ASSAM RIFLES & NCB

SOLVED PAPER

(24th November 2021: Shift-2)

Time Allotted- 1.5 hours

Max marks- 100

Important Instructions:-

- This paper contains 100 questions which are divided into 4 sections. Each section contains 25 questions.
 - General Intelligence & Reasoning
 - General Knowledge & General Awareness
 - Elementary Mathematics
 - English
- There will be 1 mark for each correct answer and also there will be negative marking of 0.25 marks for each wrong answer.
- Each question is compulsory to attempt and there will be no negative marking for unattempted questions.

General Intelligence & Reasoning

1. Mira is the wife of Ketan. Chaitanya is the brother of Kapila, who is the wife of Sudeep. Rani is the mother of Ketan and the wife of Surendra. Chaitanya is the son of Rani. How is Surendra related to Sudeep?

1. Son 2. Brother 3. Father 4. Father-in-law

2. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. Some medicines are injections.
2. No injection is an equipment.

Conclusions:

- I. No equipment is an injection.
- II. No medicine is an equipment.

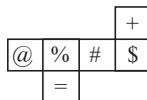
1. Only conclusion II follows
2. Only conclusion I follows
3. None of the conclusions follow
4. Both the conclusions follow

3. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



1. 2. 3. 4.

4. A cube is made by folding the given sheet. In the cube so formed, what would be the symbol on the opposite side of the symbol '+'?



1. % 2. @ 3. = 4. #

5. Select the number from among the given options that can replace the question mark (?) in the following series.

1, 2, 2, 4, 8, 32, ?

1. 64 2. 40 3. 16 4. 256

6. Select the number from among the given options that can replace the question mark (?) in the following series.

40, 76, 44, 70, 49, 64, 55, 58, ?

1. 62 2. 80 3. 65 4. 71

7. Select the letter from among the given options that can replace the question mark (?) in the following series.

G, K, O, S, W, A, ?

1. J 2. E 3. G 4. C

8. In a certain code language, 'LEJ' is written as 'XJT' and 'FAME' is written as 'LBZJ'. How will 'CABLE' be written in that language?

1. HBDZJ 2. FBDXJ 3. DBCXF 4. XZYQJ

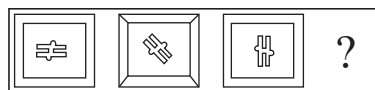
9. Six persons, P, Q, R, S, T and U, are watching a movie sitting in a line, all facing the north. S is sitting between P and Q. T is at second place to the left of P. R is third to the left of Q. Q is sitting at one of the corners. Who is sitting at the other corner?

1. S 2. R 3. T 4. U

10. 'Majority' is related to 'Minority' in the same way as 'Natural' is related to '_____'.

1. Nature 2. Fragrance
3. Artificial 4. Environment

11. Select the figure from among the given options that can replace the question mark (?) in the following series.



1. 2. 3. 4.

12. Select the option in which the numbers are related in the same way as are the numbers in the given set.

(9, 79, 7)

1. (15, 239, 14) 2. (24, 635, 25)
3. (20, 800, 40) 4. (12, 135, 18)

13. Which two signs should be interchanged to make the given equation correct?

$$12 - 14 \times 21 \div 7 + 28 = 193$$

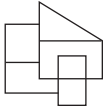
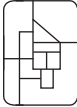
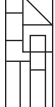
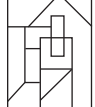
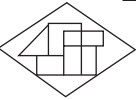
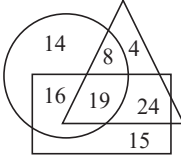
1. \times and $-$ 2. $+$ and \times 3. $+$ and \div 4. \times and \div

14. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

L _ _ R _ T _ M P _ S _ _ M P _ S T

1. M, P, S, L, R, T, L, R 2. L, R, T, S, P, P, S, T
3. L, M, R, S, L, M, P, R 4. R, P, L, M, S, L, S, T

15. Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

- 345 : 7 :: ? : 9 :: 66 : 4
1. 514 2. 731 3. 445 4. 651
16. Select the correct mirror image of the given combination when the mirror is placed at the right side.
- G N 2 1 q K
1. X b l ζ η ð 2. X p l ζ N ð
3. K p l ζ η ð 4. X p l ζ N ð
17. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.
1. HLM 2. KOP 3. PRT 4. DHI
18. P, Q, R, S, T, U, V and W are sitting anticlockwise around a circular table in the same sequence at equal distances between them. All are facing the centre of the table. S is facing the south. Then V and Q interchange their positions. In which direction is Q sitting now?
1. South-east 2. North-east
3. South-west 4. North
19. An amount of ₹1,189 is to be divided among Rakesh, Mrinal and Sanjay in the ratio of 11 : 13 : 17, respectively. How much amount will Sanjay get more than Rakesh?
1. ₹160 2. ₹222 3. ₹194 4. ₹174
20. In a certain code language, 'SOIL' is coded as '38301824'. How will 'DECIMAL' be coded in that language?
1. 81061826224 2. 41060928224
3. 85161626224 4. 81062028224
21. Select the option that is related to the third term in the same way as the second term is related to the first term.
ORATOR : RQDSRQ :: TACKLE : ?
1. WYFMOC 2. WZFJOD 3. VYFJPQ 4. WZFLOF
22. In a certain code language, 'MANGOES' is written as 'AEGMNOS'. How will 'FRIEND' be written in that language?
1. DEFINR 2. RDHFNI 3. RFEIDN 4. UIRVMW
23. Select the option in which the given figure is embedded (rotation is NOT allowed).
- 
1.  2.  3.  4. 
24. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.
1. Pegmatites 2. Persistence 3. Peroration
4. Percodan 5. Perfection
1. 1, 3, 2, 4, 5 2. 1, 4, 5, 2, 3 3. 1, 4, 5, 3, 2 4. 1, 3, 4, 5, 2
25. In the following diagram, the circles stands for 'teachers', the rectangle stands for 'part-time workers', and the triangle stands for 'online educators'. The numbers given in the different segments represent the number of persons of that category.
- 
- How many teachers are online educators and also part-time workers?
1. 24 2. 19 3. 15 4. 16
26. A 'duopoly' is a type of oligopoly wherein _____ firms have dominant or exclusive control over a market.
1. two 2. five 3. four 4. three
27. Who among the following had laid the foundation of Lodi dynasty?
1. Ibrahim Lodi 2. Bahlul Lodi
3. Sikandar Lodi 4. Jalaluddin Lodi
28. Which team became the first IPL team to win the IPL title for the fifth time in 2020?
1. Delhi Capitals 2. Chennai Super Kings
3. Royal Challengers Bangalore 4. Mumbai Indians
29. According to Census 2011, which is the least populous state in India?
1. Arunachal Pradesh 2. Sikkim
3. Mizoram 4. Goa
30. Which of the following statements is CORRECT?
1. The sun is an example of an illuminated object.
2. A frying pan is an example of an opaque object.
3. A wooden box is an example of a luminous object.
4. An empty bottle made of clear glass is an example of a translucent object.
31. Which neighbouring country and India's boundary was ratified by The Constitution (100th Amendment) Act, 2015?
1. Bhutan 2. Myanmar 3. Bangladesh 4. Nepal
32. Which clause allows the government to breach its fiscal deficit target by 0.5% points at times of severe stress in the economy?
1. FAR clause 2. Guarantee clause
3. DEAR clause 4. Escape clause
33. Annie Zaidi was awarded the Nine Dots Prize for the year _____.
1. 2020-21 2. 2021-22 3. 2019-20 4. 2018-19
34. Which of the following states is the 'Vinchhudo' dance primarily associated with?
1. Nagaland 2. Madhya Pradesh
3. Gujarat 4. Goa
35. The natural tendency of objects to resist a change in their state of rest or of uniform motion is known as _____.
1. momentum 2. acceleration 3. force 4. inertia
36. When government is lowering taxes and raising government spending, which kind of fiscal policy is it following?
1. Neutral Fiscal Policy
2. Contractional Fiscal Policy
3. Both, Contractional Fiscal Policy and Expansionary Fiscal Policy
4. Expansionary Fiscal Policy
37. Kamala Harris, the first female Vice-President of the US, has family roots in the Indian state of:
1. Karnataka 2. Kerala
3. Andhra Pradesh 4. Tamil Nadu
38. In which Indian city is one of the country's ancient lakes, the 'Lendiya Talab' located?
1. Chennai 2. Bhopal 3. Lucknow 4. Varanasi
39. Who among the following players won the Women's Singles event at the French Open 2020?
1. Katie Boulter 2. Elina Svitolina
3. Iga Swiatek 4. Sofia Kenin
40. Which of the following conspiracies was linked to the train robbery in 1925?
1. Kakori Conspiracy 2. Delhi Conspiracy
3. Peshawar Conspiracy 4. Muzaffarpur Conspiracy
41. The Fundamental Principles of the Olympic Charter are based on a document written by:
1. Leo Tolstoy 2. Aristotle
3. Muhammad Ali 4. Pierre de Coubertin

General Knowledge & General Awareness

26. A 'duopoly' is a type of oligopoly wherein _____ firms have dominant or exclusive control over a market.
1. two 2. five 3. four 4. three

42. Deepa Malik is India's first female para-athlete to win a medal at the _____ Rio Paralympics.
1. 2014 2. 2018 3. 2016 4. 2015
43. In which year did Subhash Chandra Bose escape from under British surveillance?
1. 1941 2. 1939 3. 1932 4. 1945
44. Which is the first month of the Indian national calendar year beginning on 22 March, which is the day after the spring equinox?
1. Ashwin 2. Kartika 3. Phalgun 4. Chaitra
45. Which of the following is a chemical element with the atomic number 10?
1. Helium 2. Neon 3. Lithium 4. Carbon
46. With reference to the ancient history of India, which of the following sites is associated with the Ashoka Pillar?
1. Sanchi 2. Khajuraho 3. Chatru 4. Mandu
47. Rechna Doab is located between:
1. Ganga and Ghaghara rivers 2. Ravi and Chenab rivers
3. Beas and Sutlej rivers 4. Indus and Jhelum rivers
48. With reference to the constitutional provisions regarding Rajya Sabha, which of the following statements is correct?
1. The Vice-president of India is ex officio Chairman of the Rajya Sabha.
2. The Attorney-General of India is ex officio Chairman of the Rajya Sabha.
3. The President of India is ex officio Chairman of the Rajya Sabha.
4. The Prime Minister of India is ex officio Chairman of the Rajya Sabha.
49. When was the Fit India movement launched to encourage Indians to include fitness activities and sports in their daily lives to pave the way for a healthy and fit lifestyle?
1. June 2019 2. July 2019
3. September 2019 4. August 2019
50. Who among the following took oath as Lieutenant Governor of Jammu and Kashmir in August 2020?
1. Farooq Khan 2. Satya Pal Malik
3. Girish Chandra Murmu 4. Manoj Sinha
51. Two solutions A and B of acid and water contain acid and water in the ratio 7 : 9 and 5 : 3, respectively. A and B are mixed in the ratio $x : y$. If the ratio of acid and water in the resulting solution is 9 : 7, then $x : y$ is:
1. 4 : 5 2. 2 : 3 3. 1 : 2 4. 3 : 4
52. The price of a commodity has increased by 20%. The Gupta family reframed their monthly budget and plans to spend 8% more money on that particular commodity. By what percentage should they reduce its consumptions so as to manage with the increased amount of money?
1. 12 2. 8 3. 14 4. 10
53. A student, walking at a speed of 5 km/h, took 50 minutes, but reached the school 10 minutes later than the scheduled time. To reach school on time, the speed of the students should be:
1. 6.5 km/h 2. $\frac{25}{6}$ km/h 3. 6 km/h 4. $\frac{25}{4}$ km/h
54. If 62% of a number is equal to three-fifth of another number, then what is the ratio of the first number to the second number?
1. 30 : 31 2. 31 : 30 3. 31 : 20 4. 20 : 31
55. Four years ago, the average age of 45 employees in an office was 32 years. During this period 3 more persons joined the company and at present the average age of the company's employees is 37 years. What is the average age of the 3 new employees?
1. 54 years 3 months 2. 52 years
3. 51 years 4. 58 years
56. The average of four 3-digit numbers $34x$, 197, $6x4$ and 348 is 386. What is the average of $(3x + 1)$ and $(7x - 2)$?
1. 26 2. 23 3. 24.5 4. 25.5
57. A motorist travels a certain distance at an average speed of 48 km/h and returns at an average speed of 32 km/h. What is the average speed (in km/h) for the whole journey?
1. 38 2. 38.4 3. 39.8 4. 40
58. Simplify the following expression.
 $7 + 35 \div 7 \times 5$ of $6 - 1$
1. 156 2. 132 3. 12 4. 179
59. If the ratio of the base radii of a cylinder and a cone is 1 : 2 and that of their heights is 2 : 1, then what is the ratio of the volume of the cylinder to that of the cone?
1. 2 : 3 2. 1 : 1 3. 2 : 1 4. 3 : 2
60. The LCM of two numbers is 45 times their HCF, and the sum of the LCM and HCF is 1518. If one of the numbers is divided by 16, the quotient is 18 and the remainder is 9. What is the other number?
1. 495 2. 363 3. 330 4. 165

Elementary Mathematics

51. In a toy factory, a worker can assemble a toy in 5 minutes. If, from 10:30 a.m. to 12.30 p.m., 1248 toys are to be assembled, then how many workers should be employed?
1. 52 2. 50 3. 78 4. 26
52. A dealer sold an article at a loss of 8%. Had he sold it for ₹72 more, he would have gained 16%. The cost price of the article was:
1. ₹350 2. ₹300 3. ₹450 4. ₹400
53. If the simple interest on a certain sum of money for 15 months at 9.6% per annum exceeds the simple interest on the same sum for 8 months at 11.4% by ₹1,320, then the sum is:
1. ₹30,000 2. ₹32,000 3. ₹28,000 4. ₹25,000
54. Two students A and B appeared in a class test. B scored 40% of the sum total of their marks, which is 7 less than the marks of A. How many marks did B score?
1. 5 2. 14 3. 12 4. 21
55. The LCM and HCF of two numbers are 25 and 150, respectively. If one of the numbers is 50, then what is the sum of the two numbers?
1. 100 2. 175 3. 75 4. 125
56. A shopkeeper buys a computer table for ₹5,500. What should be the marked price of the computer table such that even after allowing a 10% discount, he gains ₹1,070?
1. ₹6,050 2. ₹7,227 3. ₹7,300 4. ₹6,570
57. $2 + 3 \div 2$ of $\frac{3}{2} + 2 \left(4 \times 2 \div 2 \text{ of } \frac{1}{2} + 2 - \frac{1}{2} \right)$, after simplification, will give the result as:
1. $\frac{7}{2}$ 2. 21 3. 19 4. 22
58. A shopkeeper buys a budget for ₹1,125 after getting 25% discount. If he sells it by allowing 10% discount on the marked price, then how much does he gain?
1. ₹150 2. ₹225 3. ₹325 4. ₹250
59. A man sells two mobile phones for ₹6,000 each, gaining 25% on one and losing 25% on the other. What is his gain or loss percent in whole transaction (up to two decimal places)?
1. Profit, 6.67 2. Loss, 6.67 3. Loss, 6.25 4. Profit, 6.25
60. A certain sum amounts to ₹12,236 in $3\frac{3}{4}$ years at 8.8% p.a. at simple interest. What will be the simple interest (in ₹) on the same sum at the same rate in $4\frac{3}{8}$ years?
1. 3,624 2. 3,542 3. 3,484 4. 3,524

71. A sum of ₹39,000 is divided among, A, B, C such that A's share is $\frac{1}{3}$ of B and B gets 20% more than C. A's share is:
1. ₹9,000 2. ₹7,500 3. ₹6,000 4. ₹8,000
72. 6 men and 8 women can complete as much work in a given time as 3 men and 13 women. If a man can complete a work in 12 days, then in how many days will 4 women be able to complete the same work?
1. 5 days 2. 8 days 3. 4 days 4. 20 days
73. A retailer buys a tracksuit for ₹850. His overhead expenses are ₹50. If he sells the tracksuit for ₹1,170, then what is his profit percentage?
1. 20 2. 25 3. 22 4. 30
74. A sum of money becomes double in 5 years at compound interest rate. The same sum of money will be 4 times of itself in:
1. 12 years 2. 10 years 3. 8 years 4. 15 years
75. The circumference of a circle of diameter 14 cm is the same as the perimeter of a square. The area of the square is (take $\pi = \frac{22}{7}$).
1. 400 cm² 2. 256 cm² 3. 121 cm² 4. 289 cm²

English

76. Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
I don't have some money at all.
1. few 2. No substitution required
3. any 4. little
77. Select the most appropriate synonym of the given word.
Precarious
1. Safe 2. Insecure 3. Stable 4. Strange
78. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
I will/be in school/for/7 a.m. to 2 p.m.
1. be in school 2. 7 a.m. to 2 p.m.
3. for 4. I will
79. Select the INCORRECTLY spelt word.
1. Hover 2. Dreary 3. Monark 4. Adorn
80. Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
I have been worked hard to finish this project.
1. No substitution required 2. have been working
3. working 4. had been worked
81. Select the correctly spelt word.
1. Harbore 2. Glossery 3. Premire 4. Orchestra
82. Select the most appropriate option to fill in the blank.
Please _____ my subscription of the children's magazine.
1. settle 2. renew 3. finish 4. regain
83. 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, select 'No error' as your answer.
Jyoti is one of/the best police officer/in this town.
1. No error 2. the best police officer
3. in this town 4. Jyoti is one of
84. Select the most appropriate ANTONYM of the given word.
Obscure
1. Vague 2. Dim 3. Clear 4. Doubtful
85. Select the most appropriate meaning of the given idiom.
Spick and span
1. Safe and secure 2. Over and over again
3. Very neat and clean 4. Far from each other
86. Select the option that can be used as a one-word substitute for the given group of words.
A remedy for all diseases
1. Medicine 2. Treatment 3. Panacea 4. Diagnosis
87. Select the most appropriate option to fill in the blank.
The company is going to _____ the North Sea for oil.
1. search 2. tour 3. explore 4. traverse
88. Select the most appropriate ANTONYM of the given word.
Reverence
1. Respect 2. Admiration 3. Awe 4. Contempt
89. Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
During foggy weather, flights are often cancelled, isn't it?
1. do they 2. aren't they
3. No substitution required 4. haven't they
90. Select the most appropriate option to fill in the blank.
The police _____ the protestors from entering the parliament.
1. persuaded 2. presumed 3. protected 4. prevented
91. Select the option that can be used as a one-word substitute for the given group of words.
A place where money is coined
1. Store 2. Mint 3. Factory 4. Industry
92. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The poet/and the author/is awarded/by the President.
1. by the President 2. The poet
3. and the author 4. is awarded
93. Select the most appropriate synonym of the given word.
Noble
1. Dignified 2. Poor 3. Ordinary 4. Normal
94. Select the option that can be used as a one-word substitute for the given group of words.
The sound made by bees
1. Buzz 2. Hiss 3. Moo 4. Coo
95. Select the most appropriate meaning of the given idiom.
At a snail's pace
1. Quickly 2. Very slowly 3. Peacefully 4. Carelessly

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Elephants regularly swarm to the landfill (1) _____ near a wildlife sanctuary in Sri Lanka. (2) _____ with food scraps, they consume plastic, (3) _____ slowly kills them, officials say. Images (4) _____ the elephants foraging through the waste (5) _____ environmentalists. Plastic from landfill sites is a known killer of wild elephants, which are estimated to number about 7,500 in Sri Lanka.

96. Select the most appropriate option to fill in blank no. 1.
1. site 2. scene 3. scenery 4. sight
97. Select the most appropriate option to fill in blank no. 2.
1. Beside 2. Next 3. Along 4. Across
98. Select the most appropriate option to fill in blank no. 3.
1. what 2. whom 3. which 4. who
99. Select the most appropriate option to fill in blank no. 4.
1. on 2. of 3. for 4. in
100. Select the most appropriate option to fill in blank no. 5.
1. are shocking 2. have been shocking
3. has shocked 4. have shocked

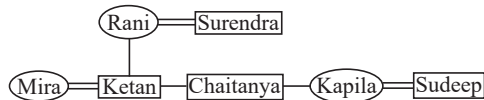
Answer Key

1. (4)	2. (2)	3. (2)	4. (3)	5. (4)	6. (1)	7. (2)	8. (2)	9. (4)	10. (3)
11. (3)	12. (1)	13. (1)	14. (1)	15. (2)	16. (3)	17. (3)	18. (3)	19. (4)	20. (1)
21. (2)	22. (1)	23. (2)	24. (3)	25. (2)	26. (1)	27. (2)	28. (4)	29. (2)	30. (2)
31. (3)	32. (4)	33. (3)	34. (3)	35. (4)	36. (4)	37. (4)	38. (2)	39. (3)	40. (1)
41. (4)	42. (3)	43. (1)	44. (4)	45. (2)	46. (1)	47. (2)	48. (1)	49. (4)	50. (4)
51. (1)	52. (2)	53. (1)	54. (2)	55. (4)	56. (3)	57. (3)	58. (4)	59. (4)	60. (1)
61. (2)	62. (3)	63. (2)	64. (1)	65. (4)	66. (4)	67. (4)	68. (2)	69. (3)	70. (2)
71. (3)	72. (1)	73. (4)	74. (2)	75. (3)	76. (3)	77. (2)	78. (3)	79. (3)	80. (2)
81. (4)	82. (2)	83. (2)	84. (3)	85. (3)	86. (3)	87. (3)	88. (4)	89. (2)	90. (4)
91. (2)	92. (4)	93. (1)	94. (1)	95. (2)	96. (1)	97. (3)	98. (3)	99. (2)	100. (4)

Answers with Explanations

1. **Option (4) is correct.**

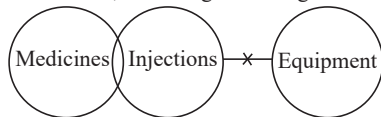
According to the question, following family tree can be made:



Hence, Surendra is the father-in-law of Sudeep.

2. **Option (2) is correct.**

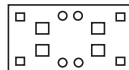
As per the statements, following Venn diagram can be made:



Conclusion I- No equipment is an injection - True.
Conclusion II- No medicine is an equipment - False.
Hence, only conclusion I follows.

3. **Option (2) is correct.**

After unfolding the paper, it will appear as follows:



4. **Option (3) is correct.**

The opposite pairs in the given image are as follows:

- @ — #
- % — \$
- + — =

Hence, '=' is on the opposite side of the symbol '+'.
5. **Option (4) is correct.**

Given series: 1, 2, 2, 4, 8, 32, ?

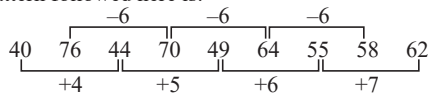
$$\begin{aligned}
 1 \times 2 &= 2 \\
 2 \times 2 &= 4 \\
 2 \times 4 &= 8 \\
 4 \times 8 &= 32 \\
 8 \times 32 &= 256
 \end{aligned}$$

Hence, 256 is the correct answer.

6. **Option (1) is correct.**

Given series: 40, 76, 44, 70, 49, 64, 55, 58, ?

The pattern followed here is:



Hence, 62 is the correct answer.

7. **Option (2) is correct.**

Given series: G, K, O, S, W, A, ?

The pattern followed here is:

Each alphabet is increasing by 4 positional value.
G + 4 = K

K + 4 = O

O + 4 = S

S + 4 = W

W + 4 = A

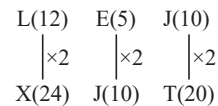
A + 4 = E

Hence, E is the correct answer.

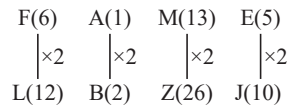
8. **Option (2) is correct.**

Given that: LEJ is written as XJT

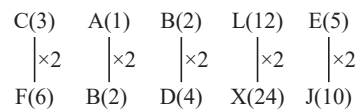
The pattern followed here is:



And, FAME is written as LBZJ



Similarly, CABLE will be written as:



Hence, FBDXJ is the correct answer.

9. **Option (4) is correct.**

According to the question, following sitting arrangement can be made:



Hence, U is sitting at the other corner.

10. **Option (3) is correct.**

Given that: Majority is related to minority.

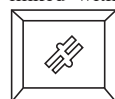
Here, both of the words are antonyms to each other.

Similarly, Natural is an antonym of Artificial.

11. **Option (3) is correct.**

In the given figure, the object is moving half step forward in clockwise direction. The outer rectangle is linked with corner lines, skipping every other image in the sequence.

Hence, the required answer figure is:



12. **Option (1) is correct.**

Given that: (9, 79, 7)

The pattern followed here is:

$$(1^{\text{st}} \text{ term} \times 3^{\text{rd}} \text{ term}) + (1^{\text{st}} \text{ term} + 3^{\text{rd}} \text{ term}) = 2^{\text{nd}} \text{ term}$$

So,

$$(9 \times 7) + (9 + 7)$$

$$\Rightarrow 63 + 16 = 79$$

Similarly, upon checking option (1), we get:

$$(15 \times 14) + (15 + 14)$$

$$\Rightarrow 210 + 29 = 239$$

Hence, (15, 239, 14) is the correct answer.

13. Option (1) is correct.

Given equation: $12 - 14 \times 21 \div 7 + 28 = 193$

Upon checking option (1) and interchanging \times and $-$, we get

$$12 \times 14 - 21 \div 7 + 28$$

$$\Rightarrow 12 \times 14 - 3 + 28$$

$$\Rightarrow 168 - 3 + 28$$

$$\Rightarrow 196 - 3 = 193$$

LHS = RHS

14. Option (1) is correct.

Given that: L _ _ R _ T _ M P _ S _ _ M P _ S T

Upon checking option (1) and putting alphabets sequentially in the given series, we get:

L M P R S T L M P R S T L M P R S T

Hence, it forms a logical series.

15. Option (2) is correct.

Given that: $345 : 7 :: ? : 9 :: 66 : 4$

The pattern followed here is:

$$(2^{\text{nd}} \text{ term})^3 + 2 = 1^{\text{st}} \text{ term.}$$

So,

$$(7)^3 + 2$$

$$\Rightarrow 343 + 2 = 345$$

And,

$$(4)^3 + 2$$

$$\Rightarrow 64 + 2 = 66$$

Similarly,

$$(9)^3 + 2$$

$$\Rightarrow 729 + 2 = 731$$

Hence, 731 is the correct answer.

16. Option (3) is correct.

In the mirror image, left becomes right and right becomes left.

Hence, the required answer figure is:

K p I ζ ∩ ∅

17. Option (3) is correct.

The pattern followed here is:

Option 1) $H \xrightarrow{+4} L \xrightarrow{+1} M$

Option 2) $K \xrightarrow{+4} O \xrightarrow{+1} P$

Option 3) $P \xrightarrow{+2} R \xrightarrow{+2} T$

Option 4) $D \xrightarrow{+4} H \xrightarrow{+1} I$

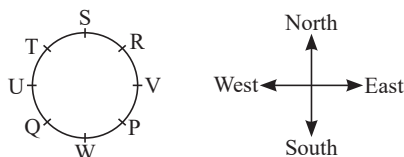
Hence, PRT is the odd one out.

18. Option (3) is correct.

Given that: P, Q, R, S, T, U, V, W are sitting around a circular table facing the centre.

S is facing in south direction and V and Q interchange their positions.

So, the required sitting arrangement is as follows:



Hence, Q is sitting in south-west direction.

19. Option (4) is correct.

Given that: Rs 1, 189 is to be divided among Rakesh, Mrinal and Sanjay in the ratio of 11 : 13 : 17 respectively.

$$\text{Share of Sanjay} = 1189 \times \frac{17}{41} = 29 \times 17 = 493$$

$$\text{Share of Rakesh} = 1189 \times \frac{11}{41} = 29 \times 11 = 319$$

Hence required difference = $493 - 319 = \text{Rs } 174$

20. Option (1) is correct.

Given that: SOIL is coded as 38301824

The pattern followed here is:

$$\begin{array}{cccc} \text{S(19)} & \text{O(15)} & \text{I(9)} & \text{L(12)} \\ \left| \times 2 \right. & \left| \times 2 \right. & \left| \times 2 \right. & \left| \times 2 \right. \\ 38 & 30 & 18 & 24 \end{array}$$

Hence, for DECIMAL:

$$\begin{array}{cccccc} \text{D(4)} & \text{E(5)} & \text{C(3)} & \text{I(9)} & \text{M(13)} & \text{A(1)} & \text{L(12)} \\ \left| \times 2 \right. & \left| \times 2 \right. & \left| \times 2 \right. & \left| \times 2 \right. & \left| \times 2 \right. & \left| \times 2 \right. & \left| \times 2 \right. \\ 8 & 10 & 6 & 18 & 26 & 2 & 24 \end{array}$$

Hence, 81061826224 is the correct answer.

21. Option (2) is correct.

Given that: ORATOR is related to RQDSRQ

The pattern followed here is:

$$\begin{array}{cccccc} \text{O} & \text{R} & \text{A} & \text{T} & \text{O} & \text{R} \\ +3 \left| \begin{array}{c} \downarrow \\ \end{array} \right. & -1 \left| \begin{array}{c} \downarrow \\ \end{array} \right. & +3 \left| \begin{array}{c} \downarrow \\ \end{array} \right. & -1 \left| \begin{array}{c} \downarrow \\ \end{array} \right. & +3 \left| \begin{array}{c} \downarrow \\ \end{array} \right. & -1 \left| \begin{array}{c} \downarrow \\ \end{array} \right. \\ \text{R} & \text{Q} & \text{D} & \text{S} & \text{R} & \text{Q} \end{array}$$

Similarly, TACKLE is related to:

$$\begin{array}{cccccc} \text{T} & \text{A} & \text{C} & \text{K} & \text{L} & \text{E} \\ +3 \left| \begin{array}{c} \downarrow \\ \end{array} \right. & -1 \left| \begin{array}{c} \downarrow \\ \end{array} \right. & +3 \left| \begin{array}{c} \downarrow \\ \end{array} \right. & -1 \left| \begin{array}{c} \downarrow \\ \end{array} \right. & +3 \left| \begin{array}{c} \downarrow \\ \end{array} \right. & -1 \left| \begin{array}{c} \downarrow \\ \end{array} \right. \\ \text{W} & \text{Z} & \text{F} & \text{J} & \text{O} & \text{D} \end{array}$$

Hence, WZFJOD is the correct answer.

22. Option (1) is correct.

Given that: MANGOES is written as AEGMNOS.

Here, the letters in the given word are arranged in alphabetical order.

So, FRIEND can be written as:

F(6) R(18) I(9) E(5) N(14) D(4)

Alphabetical order \rightarrow D(4) E(5) F(6) I(9) N(14) R(18)

Hence, DEFINR is the correct answer.

23. Option (2) is correct.

The given image is embedded in option (2) as highlighted below:



24. Option (3) is correct.

The correct order of the given words is:

1. Pegmatites
4. Percodan
5. Perfection
3. Peroration
2. Persistence

Hence, 1, 4, 5, 3, 2 is the correct answer.

25. Option (2) is correct.

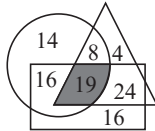
Given that:

Circle represents teachers,

Rectangle represents part-time workers, and Triangle

represents Online-educators.

Here, in the given diagram, there are 19 teachers who are online educators and also part-time workers as highlighted below: Hence, 19 is the correct answer.



26. Option (1) is correct.

A 'duopoly' is a special kind of situation where two companies have a lot of power and control in a market. In this setup, these two companies usually decide the prices and impact how the market works. This is different from other types of situations where more than two companies might have a strong influence.

27. Option (2) is correct.

Bahlul Lodi is the person who started the Lodi dynasty. He became the leader in 1451, taking over after the Sayyid dynasty. This marked the beginning of the Lodi dynasty in India. Bahlul Lodi was the first ruler of the Lodi dynasty, and this dynasty had a big impact on the history of medieval India.

28. Option (4) is correct.

In 2020, the Mumbai Indians won the IPL title for the fifth time, making them the first team to achieve this. They won the Indian Premier League (IPL) by defeating the Delhi Capitals in the final match. The Mumbai Indians have been very successful throughout the history of the IPL.

29. Option (2) is correct.

According to the Census 2011, Sikkim is the least populous state in India. Sikkim is a small state located in the northeastern part of the country, and it has a relatively low population compared to other states.

30. Option (2) is correct.

Light is generated and emitted by luminous objects only and therefore, such objects are responsible for our vision. Sun emits light as a result of the fusion of hydrogen atoms. The object that allows light to pass through them or the objects across which we can see are transparent objects. Examples. Glass, water. The object that partially allows light to pass through them is translucent objects. Example filter paper. The objects across which light cannot pass are called opaque objects. For example, cardboard, books, frying pan, wooden box etc. Therefore, Statement 2 is correct.

31. Option (3) is correct.

In 2015, the Constitution (100th Amendment) Act ratified the Land Boundary Agreement (LBA) between India and Bangladesh. This agreement led to the exchange of specific territories between the two countries and was designed to resolve longstanding border issues. The amendment played a crucial role in implementing the LBA and marked a significant move in enhancing the relations and boundaries between India and Bangladesh.

32. Option (4) is correct.

The "Escape clause" is a provision that permits the government to exceed its fiscal deficit target by 0.5% points during periods of significant economic stress. This measure offers flexibility, allowing governments to temporarily deviate from their fiscal targets in challenging economic conditions.

33. Option (3) is correct.

Annie Zaidi won the Nine Dots Prize 2019-20. The Nine Dots Prize is a prize for creative thinking that tackles contemporary societal issues. Entrants are asked to respond to a question in 3,000 words, with the winner receiving US\$100,000 to write a short book expanding on their ideas. All entrants with a minimum of 18 years of age and over are welcome to enter but responses and the resulting book must be in English.

34. Option (3) is correct.

The 'Vinchhudo' dance is a traditional dance from Gujarat, mainly performed during the festival of Holi.

35. Option (4) is correct.

Inertia is the natural tendency of objects to resist a change in their state, whether they are at rest or in uniform motion. It's a property of matter that indicates how objects resist alterations in their motion.

36. Option (4) is correct.

When the government is lowering taxes and increasing government spending, it is following an Expansionary Fiscal Policy. This policy aims to boost economic activity, increase aggregate demand, and stimulate economic growth. Lowering taxes puts more money in the hands of individuals and businesses, while increased government spending injects more money into the economy, both contributing to expansion.

37. Option (4) is correct.

Kamala Harris' maternal grandfather, P. V. Gopalan, originated from Thulasendrapuram, a village in the Thanjavur district of Tamil Nadu. He subsequently relocated to Chennai, where Harris' mother, Shyamala Gopalan, was born.

38. Option (2) is correct.

Lendiya Talab is one of the many ancient lakes found in Bhopal, the capital city of Madhya Pradesh. It is known for its historical significance and scenic beauty.

39. Option (3) is correct.

Iga Swiatek emerged victorious in the Women's Singles event at the French Open 2020, securing her win by defeating Sofia Kenin in the final. The Polish tennis player's remarkable performance throughout the tournament not only crowned her as the champion but also represented a noteworthy achievement in her tennis career.

40. Option (1) is correct.

The train robbery in 1925 was associated with the Kakori Conspiracy, a pivotal moment in the Indian independence movement. During this event, revolutionaries made an attempt to loot the government treasury from a train at Kakori near Lucknow on August 9, 1925. The primary objective of this conspiracy was to secure funds for revolutionary activities aimed at opposing British colonial rule in India.

41. Option (4) is correct.

The Fundamental Principles of the Olympic Charter are based on a document written by Pierre de Coubertin. Pierre de Coubertin was a French educator and historian who is credited with reviving the modern Olympic Games and founding the International Olympic Committee (IOC).

42. Option (3) is correct.

In the 2016 Rio Paralympics, Deepa Malik made history as India's first female para-athlete to claim a medal. Her noteworthy achievement came in the shot put event, where she won a silver medal. Deepa Malik's success at the Paralympic Games held in Rio de Janeiro, Brazil, in 2016 served as an inspiration to many.

43. Option (1) is correct.

In 1941, Subhash Chandra Bose successfully evaded British surveillance by making a bold escape from his house arrest in Calcutta. Following his escape, he embarked on a journey with the aim of garnering international support for India's struggle for independence. This journey ultimately led to the formation of the Indian National Army (INA) in collaboration with Axis powers during World War II.

44. Option (4) is correct.

The first month of the Indian national calendar year, beginning on 22 March, which is the day after the spring equinox, is Chaitra.

45. Option (2) is correct.

Neon is a chemical element with the atomic number 10. It is a colourless, odourless gas at room temperature and is the second noble gas in the periodic table. Neon is also the fifth most common element in the universe, formed by the fusion of helium and oxygen nuclei.

46. Option (1) is correct.

Sanchi is the site associated with the Ashoka Pillar in ancient Indian history. This site houses one of the oldest and best-preserved Ashoka pillars, dating back to the 3rd century BCE. The pillar stands tall near the Great Stupa, a famous Buddhist monument, and bears inscriptions promoting Ashoka's adherence to Dharma and principles of non-violence.

47. Option (2) is correct.

Rechna Doab is located between the Ravi and Chenab rivers. The Doab is called the 'area between two rivers'. Such as the land between the Ganges and the Yamuna.

48. Option (1) is correct.

The Vice-president of India is ex officio Chairman of the Rajya Sabha. The post of Vice President of India is the second-highest constitutional post in the country. Their tenure is of five years duration. He may continue in office till the end of this period, till he assumes the office of his successor. According to the Constitution, the Vice-President can be removed from office by a resolution of the Rajya Sabha which is passed by a majority of the then members of the Rajya Sabha and which the Lok Sabha agrees to.

49. Option (4) is correct.

The Fit India movement was launched on August 29, 2019, to encourage physical activity and promote a healthy lifestyle among Indians.

50. Option (4) is correct.

In August 2020, Manoj Sinha assumed the role of Lieutenant Governor of Jammu and Kashmir, succeeding Girish Chandra Murmu. He officially took the oath of office and became the administrative head of the union territory.

51. Option (1) is correct.

Time from 10:30 a.m. to 12.30 p.m = 2 Hours

As 1 hours = 60 minutes

2 hours = 120 minutes

Given: A worker can assemble a toy in 5 minutes.

So that, in 120 minutes a worker can assemble number of toys

$$= \frac{120}{5} = 24 \text{ toys}$$

In 120 minutes, x worker can assemble number of toys = $24x$

Number of toys are to be assembled = 1248

According to the question, $24x = 1248$

$$x = 52$$

52. Option (2) is correct.

Let the CP = $100x$

SP at a loss of 8% = $92x$

SP at a gain of 16% = $116x$

According to the question, $116x - 92x = 72$

$$24x = 72$$

$$x = 3$$

Hence the CP = $100x = 300$

53. Option (1) is correct.

Let the principal Amount (sum) = P

rate of interest per year = r

time (in months) = t

$$\text{Using Simple Interest (Si)} = \frac{P \times r \times t}{100 \times 12}$$

$$\text{SI 1} = \frac{P \times 9.6 \times 15}{100 \times 12}$$

$$\text{SI 2} = \frac{P \times 11.4 \times 8}{100 \times 12}$$

According to the question $\text{Si 1} - \text{Si 2} = 1320$

$$\frac{P \times 9.6 \times 15}{100 \times 12} - \frac{P \times 11.4 \times 8}{100 \times 12} = 1320$$

$$12x - 7.6x = 1320 \times 100$$

$$4.4x = 1320 \times 100$$

$$x = 30,000$$

54. Option (2) is correct.

Given:

Score of A = Score of B + 7

According to the question

Score of B = 40% of (A+B)

$$B = 2A/5 + 2B/5$$

$$B - 2B/5 = 2A/5$$

$$3B/5 = 2A/5$$

$$A/B = 3 : 2$$

Difference of marks = $(3 - 2) = 1$ unit = 7 marks

Score of B = $2 \times 7 = 14$ marks

55. Option (4) is correct.

Using, Product of two numbers = Product of their LCM and HCF

Given: First number = 50

Let the second number is x .

According to question, $50x = 150 \times 25$

$$x = 75$$

Sum of two numbers: $75 + 50 = 125$

56. Option (3) is correct.

Cost price of computer table = ₹ 5,500.

Gain = ₹ 1,070

Using, Selling price = Cost price + gain

$$= 5500 + 1070$$

$$= ₹ 6570$$

Let the Marked price = $100x$

Using, Selling price = Marked price - Discount

After allowing a 10% discount selling price = $100x - 10\%$ of $100x = 90x$

According to question, $90x = 6570$

$$x = 7300$$

57. Option (3) is correct.

Given: Ratio of acid and water in the solution A = 7 : 9

Given: Ratio of acid and water in the solution B = 5 : 3

According to the question A and B are mixed in the ratio $x : y$.

$$\text{So, Amount of acid} = \left(\frac{7}{16}\right)x + \left(\frac{5}{8}\right)y$$

$$\text{Amount of water} = \left(\frac{9}{16}\right)x + \left(\frac{3}{8}\right)y$$

Given that, ratio of acid and water in the resulting solution is 9 : 7

$$\text{So that, } \left(\frac{7}{16}\right)x + \left(\frac{5}{8}\right)y : \left(\frac{9}{16}\right)x + \left(\frac{3}{8}\right)y = 9 : 7$$

$$\Rightarrow 7 \times \left[\left(\frac{7}{16}\right)x + \left(\frac{5}{8}\right)y \right] : \left[\left(\frac{9}{16}\right)x + \left(\frac{3}{8}\right)y \right]$$

$$\Rightarrow \left(\frac{49}{16}\right)x - \left(\frac{81}{16}\right)x = \left(\frac{27}{8}\right)y - \left(\frac{35}{8}\right)y$$

$$\Rightarrow 2x = y$$

$$\Rightarrow x : y = 1 : 2$$

58. Option (4) is correct.

Let the price of commodity was ₹ 100 per 100 kg
Price of a commodity after increment of 20% = ₹ 120 per 100 kg

According to question, Gupta refrained budget = ₹ 108
Using, Expenditure = Price × Consumption

$$\text{Reduced consumption} = \frac{108 \times 100}{120} = 90$$

$$\text{Percentage Reduced consumption} = 100 - 90 = 10\%$$

59. Option (4) is correct.

Given that, speed of student = 5 km/h, and time taken = 50 minutes.

According to question, time taken by student to reach school is 50 minutes but reached the school 10 minutes later.

So, he must reach in his school in, 50 - 10 = 40 minutes.

Let the speed of student to reach school on time = S km/hr

Using, Distance = Speed × Time

$$\text{So, } 5 \times \frac{50}{60} = S \times \frac{40}{60}$$

$$S = 6.25 \text{ km/hr or } 25/4 \text{ km/h}$$

60. Option (1) is correct.

Let the first number is x and the second number is y .

According to the question, 62% of x = three-fifth of y ,

$$\Rightarrow \frac{3}{5} = \frac{3}{5 \times 100} = 60\%$$

So, 62% of x = 60% of y ,

$$\Rightarrow x : y = 30 : 31$$

61. Option (2) is correct.

Given, Four years ago, the average age of 45 employees in an office was = 32 years.

So, in present the average age of 45 employees in an office = 32 + 4 = 36 years.

Total age of 45 employees = 45 × 36

Let the average age of newly joined employees = y

Total age of newly joined employees = $3y$

So the total age after newly joined employees = 45 × 36 + 3 y

According to the question, 45 × 36 + 3 y = 48 × 37

On Solving 3 y = 156

$$y = 52 \text{ years}$$

62. Option (3) is correct.

According to the question,

Average of given numbers

$$= \frac{197 + 348 + (300 + 40 + x) + (600 + 10x + 4)}{4} = 386$$

$$\Rightarrow 1489 + 11x = 1544$$

$$\Rightarrow x = 5$$

$$\text{So, the average of } (3x+1) \text{ and } (7x-2) = \frac{(3 \times 5 + 1) + (7 \times 5 - 2)}{2} = 24.5$$

63. Option (2) is correct.

Given that,

Forward speed = 48 km/h

Backward speed = 32 km/h

$$\text{Using, Average speed} = \frac{2xy}{x+y}$$

$$\text{Average Speed} = \frac{2 \times 48 \times 32}{48 + 32} = 38.4 \text{ km/h}$$

64. Option (1) is correct.

$$7 + 35 \div 7 \times 5 \text{ of } 6 - 1$$

$$= 7 + 5 \times 5 \times 6 - 1$$

$$= 7 + 150 - 1$$

$$= 156$$

65. Option (4) is correct.

Using, Volume of a solid right circular cylinder = $\pi R^2 H$

Using, Volume of a solid cone = $\frac{1}{3} \pi r^2 h$

As given in the question $r = 2R$

And $h = H/2$

ratio of the volume of the cylinder to that of the cone = $\pi R^2 H$

$$: \frac{1}{3} \pi r^2 h$$

According to the question, Required ratio = $R^2 H : \frac{1}{3} r^2 h$

$$= R^2 H : \frac{1}{3} (2R)^2 (H/2) = 3 : 2$$

66. Option (4) is correct.

Let the HCF of the numbers = c

So, LCM = $45x$

Now, $45x + x = 1518$

$$x = 33$$

So, HCF = 33

And LCM = 33 × 45

According to the question,

First number = 16 × 18 + 9 = 297

So, second number = 33 × 5 = 165

67. Option (4) is correct.

The value of $2 + 3 + 2$ of $\frac{3}{2} + 2 \left(4 \times 2 + 2 \text{ of } \frac{1}{2} + 2 - \frac{1}{2} \right)$,

$$= 2 + 3 + 2 \text{ of } \frac{3}{2} + 2 \left(4 \times 2 + 1 + 2 - \frac{1}{2} \right)$$

$$= 2 + 1 + 2 \left(\frac{19}{2} \right)$$

$$= 22$$

68. Option (2) is correct.

According to the question,

Marked price of the article = $1125 \times \frac{100}{75} = ₹ 1500$

Selling price of the article if he allows a discount of 10%

$$= 1500 \times \frac{90}{100} = 1350$$

So, his gain = 1350 - 1125 = ₹ 225

69. Option (3) is correct.

Given that, selling price of each phone = ₹ 6000

So, cost price of 1st phone = $6000 \times \frac{100}{125} = ₹ 4800$

And cost price of 2nd phone = $6000 \times \frac{100}{75} = ₹ 8000$

So, total selling price of both phones = 6000 + 6000 = ₹ 12000

And total cost price of both phones = 4800 + 8000 = ₹ 12800

$$\text{So, loss percentage} = \frac{(12800 - 12000)}{12800} = 6.25\%$$

70. Option (2) is correct.

Using, total amount = $P + \frac{P \times R \times T}{100}$

$$12236 = P + \left(1 + \frac{8.8 \times 15}{100 \times 4} \right)$$

$$\Rightarrow P = 9200$$

According to the question,

$$SI = \frac{9200 \times 8.8 \times 35}{100 \times 8} = ₹ 3542$$

71. Option (3) is correct.

Given that,

Total amount = ₹ 39000

Let A, B and C have shares of x , y and z respectively.

According to the question,

$$x = \frac{y}{3}$$

$$\Rightarrow x : y = 1 : 3 \quad \dots(1)$$

and $y = 1.2z$

$$\Rightarrow y : z = 1.2 : 1 \text{ or } 6 : 5 \quad \dots(2)$$

By eq. (1) and (2),

$$x : y : z = 2 : 6 : 5$$

$$\text{So, A's share} = 39000 \times \frac{2}{13} = ₹ 6000$$

72. Option (1) is correct.

Let the efficiency of a man is M and a woman is W .

$$\text{So, } (6M + 8W) = (3M + 13W)$$

$$\Rightarrow \frac{M}{W} = \frac{5}{3}$$

According to the question, total work = $12 \times 5 = 60$ unit

$$\text{So, time taken by 4 women to complete the work} = \frac{60}{4 \times 3} = 5 \text{ days}$$

73. Option (4) is correct.

According to the question,

$$\text{Total cost price} = ₹ (850 + 50) = ₹ 900$$

$$\text{Selling price} = ₹ 1170$$

$$\text{Profit percentage} = \frac{1170 - 900}{900} \times 100 = 30\%$$

74. Option (2) is correct.

As we know, in compound interest, money increases as per Geometric progression in constant interval.

Given that money becomes double in 5 years.

So, it will be 4 times in next 5 years.

So, total time required = 10 years

75. Option (3) is correct.

$$\text{Using, circumference} = 2\pi r = 2 \times \frac{22}{7} \times 7 = 44 \text{ cm}$$

So, perimeter of square = 44 cm

$$\text{Hence, side of square} = \frac{44}{4} = 11 \text{ cm}$$

$$\text{Area of square} = 11 \times 11 = 121 \text{ cm}^2$$

76. Option (3) is correct.

We use SOME and ANY with plural nouns and uncountable nouns. Some is generally used in positive sentences. Any is generally used in negative sentences. Examples: I have some information for you about flights to Paris. I don't have any information for you about flights to Paris. The given sentence has a negative connotation, so 'some' should be replaced with 'any'.

77. Option (2) is correct.

The question tests a student's vocabulary. Precarious means not securely held or in position; dangerous, risky. Example: "He made a precarious living as a painter." Therefore, the synonym of 'precarious' is insecure. The antonym of precarious is safe.

78. Option (3) is correct.

"The erroneous part is 'for'. For indicates a period of time, e.g., "I have been working for 3 years." From indicates a

starting time and an end time, e.g., "I worked for Company X from 2013 to 2015." So, 'for' should be replaced with 'from'.

79. Option (3) is correct.

Hover means to stay in one place in the air, usually by moving the wings quickly. Dreary means depressingly dull, bleak, or repetitive. Example: "The dreary round of working, eating, and trying to sleep." Monark is an incorrectly spelt word. It should be monarch, which is a king or queen. Adorn means to make something more beautiful or attractive.

80. Option (2) is correct.

The given sentence is grammatically incorrect. We use the present perfect tense to talk about a finished activity in the recent past. We use the present perfect continuous for a single activity that began at a point in the past and is still continuing up until now. Example: She has been writing her autobiography since 1987. The sentence demands the present perfect continuous tense. Thus, the underlined part should be replaced with 'have been working'.

81. Option (4) is correct.

The correctly spelled word is orchestra. The meaning of orchestra is that it is a musical group or a part of a theatre.

82. Option (2) is correct.

The sentence talks about a subscription to a children's magazine. In the given context, the best word to fill in the blank is 'renew'.

83. Option (2) is correct.

The given sentence is grammatically incorrect. The structure of these kinds of sentences is one + of + the + plural noun + singular verb. So, the sentence should be: Jyoti is one of the best police officers in this town.

84. Option (3) is correct.

Obscure means unclear, vague, or doubtful. Example: "His origins and parentage are obscure." The antonym of 'obscure' is clear.

85. Option (3) is correct.

'Spick and span' means neat, clean, and well looked after. Example: "My little house is spick and span."

86. Option (3) is correct.

A remedy for all diseases is called panacea.

87. Option (3) is correct.

Whenever we search for any natural material in the sea or the earth, it is referred to as exploration. Thus, in the given context, the best fit word in the blank is 'explore'. 'Traverse' means to travel across or over.

88. Option (4) is correct.

Reverence refers to a deep respect for someone or something. Example: "The rituals showed honour and reverence for the dead." The antonym for reverence is contempt, which is disregard for. Example: "He showed his contempt for his job by doing it very badly."

89. Option (2) is correct.

A tag question (or question tag) is a grammatical structure that turns a statement or an imperative into a question by adding a short question at the end. It usually consists of an auxiliary verb or a modal verb and a pronoun that agrees with the subject of the sentence. The purpose of a question tag can be to confirm or clarify information or seek agreement from the listener. If the main sentence is affirmative, the question tag will be negative. Whereas if the sentences are negative, the tag question will be affirmative. The given sentence is affirmative, so the question tag should be negative. Also, the auxiliary verb used in the sentence is 'are', so the question tag should be 'aren't they'.

90. Option (4) is correct.

Persuaded means to induce (someone) to do something through reasoning or argument. Persuade is usually followed by the preposition 'to'. Presumed means to take for granted that something exists or is the case. Prevented means to stop (someone) from doing something. The sentence is about protestors trying to enter parliament. The police must have stopped them. So, the best word to fill in the blank in the given context is 'prevented'.

91. Option (2) is correct.

A place where money is coined is known as a mint.

92. Option (4) is correct.

The repetition of the article (the) with the two nouns in the sentence indicates that the nouns refer to two different persons. Thus, the singular verb 'is' is incorrect in the given sentence. It should be changed to 'are'.

93. Option (1) is correct.

Noble means moral in an honest, brave, and kind way, or belonging to a high social rank in a society, especially by birth. Therefore, the synonym is 'dignified'. The antonym of noble is ordinary.

94. Option (1) is correct.

The sound made by bees is buzz. The sound made by snakes is hiss. The sound made by cows is moo. The sound made by pigeons or doves is coo.

95. Option (2) is correct.

The idiom 'at a snail's pace' means very slowly. Example: Stop walking at a snail's pace. We are already late.

96. Option (1) is correct.

The paragraph talks about elephants and the bad impact of plastic pollution on them. The first sentence mentions the place where the elephants are usually seen. A site is a place where something is, was, or will be built, or where something happens. Thus, 'site' is the best word to fill in the given blank. Sight means the faculty or power of seeing.

97. Option (3) is correct.

The paragraph talks about elephants and the bad impact of plastic pollution on them. In this sentence, the author mentions that in addition to the food scraps, the elephants also consume the plastic thrown by people. It is justified to choose 'along' as it takes 'with' after it. Thus, the best conjunction to express this is 'along'.

98. Option (3) is correct.

The blank requires a word that can be used to refer to the previous clause, 'they consume plastic'. The best word in this context is 'which'.

99. Option (2) is correct.

The best word to fill in the blank is 'of'. Of is used to indicate relating to, belonging to, referencing, or specifying a number or an amount.

100. Option (4) is correct.

Since the sentence talks about 'images of the elephants', we need the plural verb 'have'. The sentence is not in continuous tense, so the best choice is present perfect tense ('have shocked') when the effect of the action is more important than the action itself.