

STAFF SELECTION COMMISSION

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

SOLVED PAPER

(24th February 2024: Shift-1)











Time Allotted- 1 hours

Max marks- 160

Important Instructions:-

- This paper contains 80 questions which are divided into 4 sections. Each section contains 20 questions.
- General Intelligence & Reasoning
- General Knowledge & General Awareness
- Elementary Mathematics
- English
- There will be 2 marks for each correct answer and also there will be negative marking of 0.5 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. Which of the following numbers will replace the question mark (?) in the given series?
31,32,36,2, 61,86
1. 39 2. 49 3. 45 4. 58
2. In the following question, select the related letter pair from the given alternatives.
JRVP: IQUO :: ?
1. NDUR : ABOC 2. QJBV : PIAU
3. NOPX : ZWXV 4. WWYR : URUO
3. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.

1.  2.  3.  4. 
4. If $13 A 14 B 15 C 20 = 243$ and $15 A 10 B 8 C 9 = 104$, then $45 A 10 B 18 C 50 = ?$
1. 280 2. 275 3. 145 4. 265
5. Which answer figure will complete the pattern in the question figure? (rotation is NOT allowed)

1.  2.  3.  4. 
6. In the following question, select the missing number from the given series.
115, 94, 72, 49, 25, ?
1. 1 2. 8 3. 0 4. 7
7. Arrange the given words in the sequence in which they occur in the dictionary.
1. Light 2. Like 3. Lift 4. Life 5. Lignite
1. 1, 3, 4, 5, 2 2. 4, 3, 1, 2, 5
3. 4, 3, 1, 2, 5 4. 4, 3, 1, 5, 2
8. Three Statements are given followed by two conclusions numbered I and II. 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.

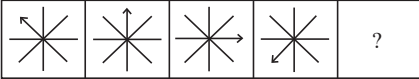




Statement I: All curtains are beds

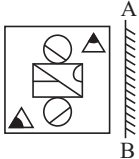









Statement II: Some beds are chairs

Statement III: Some chairs are not tables.

Conclusion I: Some chairs are tables

Conclusion II: Some chairs being curtains is possible.

1. Both conclusions I and II follow
 2. Only conclusion I follows
 3. Only conclusion II follows
 4. Neither conclusion I nor II follows
9. Which two signs should be interchanged to make the given equation correct?
 $26 + 2 \times 8 - 4 \div 1 = 14$
1. + and - 2. + and ÷ 3. - and × 4. = and ×
 10. Six people Alice, Bob, Carol, David, Emily, and Frank are sitting on a circular table facing towards the centre. David sits between Alice and Emily. Carol sits to the immediate right of Bob. Frank and Alice are not neighbors. Carol is an immediate neighbour of Frank. Who sits to the immediate right of Emily?
1. David 2. Frank 3. Bob 4. Carol
 11. Pointing towards a picture of a man, Rakhi said. "He is the brother of my son's mother". How man is related to Rakhi?
1. Brother 2. Son
3. Father's brother 4. Father
 12. In a certain code language, if BOTTLE is coded as CNUUMD, GLASS is coded as HMZTT, then what will MIRROR be coded as?
1. NHSNSS 2. NSHSNS 3. NHSSSN 4. NHSSNS
 13. Select the figure that will replace the question mark (?) in the following figure series.

1.  2.  3.  4. 
 14. Select the option that is related to the third word in the same way as the second word is related to the first word.
Penguin : Chick :: Duck : ?
1. Cub 2. Duckling 3. Kitten 4. Joey

15. If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?
- 
1.  2.  3.  4. 
16. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
QV, TO, MR, PK, ?
1. IQ 2. IN 3. IR 4. IM
17. From the given option figures, select the one in which the question figure is hidden/embedded, (rotation is not allowed)
- 
1.  2.  3.  4. 
18. Five friends Pooja, Bhawna, Charu, Geeta and Hema are sitting around a circular table facing towards the centre. Charu is not the immediate neighbour of Bhawna. Bhawna is second to the left of Hema. Geeta is the immediate neighbour of Bhawna and Hema. Who is sitting to the immediate left of Charu?
1. Bhawna 2. Geeta 3. Hema 4. Pooja
19. Which of the following letter-number cluster will replace the blank () in the given series?
IDG, ____, EZC, CXA, AVY, YTW
1. GBF 2. GCF 3. GBE 4. JBE
20. In a certain code language, 'FIELD' is coded as '41'. 'WONDER' is coded as '84'. What is the code for 'SKILL' in that code language?
1. 65 2. 63 3. 68 4. 70

General Knowledge & General Awareness

21. According to the data from the Ministry of Mines, the largest resources of gold ore (primary) are located in which of the following Indian states?
1. West Bengal 2. Karnataka 3. Rajasthan 4. Bihar
22. Which of the following sports is played by Siddharth Suchde?
1. Tennis 2. Badminton 3. Football 4. Squash
23. Tapan Kumar Pattanayak won the Sangeet Natak Akademi Award in which dance form?
1. Kuchipudi 2. Sattriya 3. Odissi 4. Chhau
24. ____ unveiled the Logo, Theme and Website of India's G20 Presidency in Virtual mode.(November 2022)
1. Home Minister Amit Shah
2. Finance Minister Nirmala Sitharaman
3. President Draupadi Murmu
4. Prime Minister Shri Narendra Modi
25. Who has been appointed as the new CEO of NITI Aayog?
1. P.C. Sudhakar 2. Parameshwaran Iyer
3. M. K. Talwar 4. BVR Subrahmanyam
26. Which country is India's neighbour to the west, sharing a significant border, and is often a topic of geopolitical significance?
1. Sri Lanka 2. Pakistan 3. Nepal 4. Bhutan
27. How many players are there on a standard ice hockey (when there is no overtime or penalties) team during a game?
1. Six 2. Five 3. Seven 4. Four
28. Who was the founder of the Shunga Dynasty in India?
1. Kanva 2. Pushyamitra
3. Vasumitra 4. Devabhuti
29. Which of the following festival has 'Jalli Kattu' as a feature?
1. Bihu 2. Vishu 3. Pongal 4. Onam
30. Which of the following is required by the aquatic animals to breathe under water?
1. Dissolved Nitrogen 2. Dissolved CO₂
3. Dissolved H₂S 4. Dissolved Oxygen
31. According to the 2011 Census of India, the proportion of ____ population has declined by 0.2 PP (percentage point).
1. Muslim 2. Hindu 3. Sikh 4. Buddhist
32. The Bardoli Satyagraha took place in which year?
1. 1924 2. 1922 3. 1926 4. 1928
33. Which of the following articles of the Indian Constitution is mentioned under the Right to Equality?
1. Protection of life and personal liberty
2. Freedom to manage religious affairs
3. Abolition of titles
4. Right to education
34. Which regulatory body in India oversees and supervises microfinance institutions (MFIs) to ensure their compliance with regulations?
1. Securities and Exchange Board of India (SEBI)
2. Insurance Regulatory and Development Authority (IRDA)
3. Competition Commission of India (CCI)
4. Reserve Bank of India (RBI)
35. Which of the following is an example of Quasi-Judicial Bodies in India?
1. Supreme Court
2. Zonal council
3. Inter-State Council
4. State Consumer Disputes Redressal Commission
36. Which sport features the "Breaststroke" as a technique?
1. Shooting 2. Swimming
3. Horse riding 4. Pool
37. Which of the following Articles of Indian Constitution under the fundamental duties is related to the value and preservation of the rich heritage of our composite culture?
1. Article 51A(e) 2. Article 51A(f)
3. Article 51A(g) 4. Article 51A(c)
38. The Union Cabinet chaired by the Prime Minister of India, has approved a bus scheme "PM-eBus Sewa" for augmenting city bus operation by ____ e-buses on PPP model.
1. 5000 2. 11000 3. 7000 4. 10000
39. Implementation of family planning Programmes were amongst major targets of which of the following five year plan of India?
1. Seventh five year plan 2. Fourth five year plan
3. Sixth five year plan 4. Fifth five year plan
40. To which of the following states does the folk dance Khorisa belong?
1. West Bengal 2. Maharashtra
3. Assam 4. Haryana

Elementary Mathematics

41. There are 120 hens in a poultry. Due to the addition of 140 more hens, the expenses of the poultry increases by ₹ 4050 while the average expenditure per hen diminishes by ₹ 3. What was the original expenditure of the poultry?
1. ₹ 4780 2. ₹ 4140 3. ₹ 4540 4. ₹ 4350

English

42. The average of 17 numbers is 47. If each of the numbers is multiplied by 5, then find the new average.
1. 270 2. 282 3. 280 4. 265
43. The difference between simple interest on a certain sum at the annual rate of 10 percent for 7 years and 8 years is ₹ 57, What is the sum?
1. ₹ 550 2. ₹ 610 3. ₹ 570 4. ₹ 590
44. What is the value of $3[4 + 2\{42 - 4(9 - 1)\}]$?
1. 48 2. 72 3. 81 4. 69
45. Cost price of a cooler is ₹ 6400. If the profit percentage is 24 percent, then what is the selling price of the cooler?
1. ₹ 8456 2. ₹ 7256 3. ₹ 8239 4. ₹ 7936
46. What is the value of $520 \div 10 + 25 \times 7 - 62 \times 3$?
1. 47 2. 45 3. 41 4. 49
47. Calculate the area of a right-angled triangle with a base of 22 cm and height corresponding to that base is 15 cm.
1. 165 cm² 2. 140 cm² 3. 180 cm² 4. 150 cm²
48. If the ratio of marked price and selling price of an article is 13 : 9, then what is the discount percentage?
1. 28.76 percent 2. 30.77 percent
3. 25 percent 4. 32.77 percent
49. The profit earned on selling an article for ₹ 4550 is 5 times of the loss incurred on selling the same article for ₹ 3290, What will be the selling price of the article to earn a profit of 20 percent?
1. ₹ 3900 2. ₹ 4200 3. ₹ 4000 4. ₹ 4500
50. Abhishek marks the price of his laptop 80 percent above the cost price. He allows his customer a discount of 25 percent on the marked price. What is the profit percentage?
1. 35 percent 2. 25 percent 3. 55 percent 4. 40 percent
51. When a number is successively decreased by 10 percent, 15 percent and 56 percent, then it becomes 20196. What is that number?
1. 60000 2. 80000 3. 40000 4. 50000
52. What is the value of $1100 \div 5 + 420 \div 2 + 550 + 5$?
1. 460 2. 500 3. 540 4. 510
53. If 25 workers can build a wall in 10 days, how many days will it take for 20 Workers to build a similar wall?
1. 25/2 days 2. 23/3 days 3. 25/4 days 4. 21/2 days
54. A is four times as good a workman as B and together they finish a piece of work in 84/15 days. In how many days can A alone finish the work?
1. 10 days 2. 15 days 3. 9 days 4. 7 days
55. If A percent of A is 9604, then what is the value of A?
1. 920 2. 1020 3. 980 4. 880
56. Which among the following is divisible by 4, 7 and 23?
1. 6457 2. 6440 3. 6245 4. 6490
57. In a mixture, milk and water are in ratio of 7 : 9. Some milk is added to the mixture because of which ratio of milk and water becomes 11 : 9. How much milk was added as a percentage of initial mixture?
1. 60 percent 2. 30 percent 3. 25 percent 4. 10 percent
58. What will be the compound interest (compounding annually) on a sum of ₹ 9000 at the rate of 32 percent per annum for 2 years?
1. ₹ 6681.6 2. ₹ 6400.4 3. ₹ 6790.7 4. ₹ 6908.3
59. A thief steals a car at 2:00 p.m. and drives it at 70 km per hour. The theft is discovered at 3:00 p.m. and the owner sets off in another car at 105 km an hour. At what time owner will overtake the thief?
1. 5:00 p.m 2. 4:30 p.m 3. 3:30 p.m 4. 3:45 p.m
60. In a bag, the ratio of black balls to white balls is 7 : 4. If there are 44 white balls, find the total number of balls in the bag.
1. 121 2. 110 3. 128 4. 112
61. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Pandemic is the highest level of global health emergency and had signifies widespread outbreaks affecting multiple regions of the world.
1. health emergency and had signifies widespread
2. outbreaks affecting multiple regions of the world.
3. No error
4. Pandemic is the highest level of global
62. Fill in the blank with the most appropriate option.
On the _____ in the train he talked to his neighbours about politics and the new railways
1. tourism 2. entourage 3. journey 4. itinerary
63. Choose the most appropriate synonym of the underlined word.
To me, this was both a perfect articulation of the problem and the suggestion of a solution.
1. Mispronounce 2. Damp
3. Park 4. Enunciation
64. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
Walking through the dew, he wet his sneakers.
1. No improvement 2. from the dew
3. through the dewy 4. across the dewy
65. Select the most appropriate antonym of the given word.
Procure
1. Consume 2. Abstain 3. Multiply 4. Hinder
66. Select the most appropriate antonym of the given word.
Characteristic
1. Affordable 2. Distinctive 3. Inbred 4. Usual
67. Select the most appropriate antonym of the given word.
Prospect
1. Contemplation 2. Forecast
3. Calculations 4. Impossibility
68. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
He studied till late at the night before his exam and it has paid off.
1. Run out of steam 2. See eye to eye
3. Lose your marbles 4. Burn the midnight oil
69. Select the most appropriate word to fill in the blank.
Out of all, this is the _____ school in the city.
1. famousest 2. more famous
3. famous 4. most famous
70. Select the sentence with no spelling errors.
1. Police who did not understand the urthodox methods of the Black Hood suspected him of numerous crimes.
2. Police who did not understand the orthodox methods of the Black Hood suspected him of numerous crimes.
3. Police who did not understand the orthodox methods of the Black Hood suspected him of numerous crimes.
4. Police who did not understand the orthodox methods of the Black Hood suspected him of numeruos crimes.
71. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
There was no one in the cinema hall beside Sham and Rohan.
1. in the cinema hall 2. beside Sham and Rohan.
3. No error 4. There was no one
72. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
Suddenly he plumped himself / right into the arms of a tallest, ungainly man, / who had crossed from the other side
1. who had crossed from the other side.
2. right into the arms of a tallest,ungainly man,
3. Suddenly he plumed himself
4. No error

73. Select the most appropriate word to fill in the blank.
The explosion _____ a huge crater.
1. have left 2. left 3. leaves 4. will leaves
74. Select the incorrectly spelt word from the given sentence.
She found fault in every sentence of the exercise sheet that I asimilated from prior observations.
1. prior 2. fault 3. asimilated 4. exercise
75. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase,
To huff and puff
1. To be perplexed
2. To get into trouble
3. To speak ill of
4. To breathe heavily or rapidly because one is exhausted

Comprehension:

Read the passage carefully and select the correct answer for the given blanks out of the four alternatives

- While you are at Chilika, (1) _____ a moment to yourself and admire the beauty of this fabled lake. Indulge in a leisurely boat ride to visit the many (2) _____ that the vast expanse of the lake encompasses the beacon island, bird island to (3) _____ a few and of course watch the migratory birds and the critically (4) _____ Irrawaddy Dolphins frolic in the prey laden brackish waters. Go heritage hunting in the nearby quaint townships-Chilika never (5) _____ to amaze.
76. Select the most appropriate option for blank (1)
1. take 2. sleep 3. make 4. carry
77. Select the most appropriate option for blank (2)
1. sections 2. periods 3. marks 4. spots
78. Select the most appropriate option for blank (3)
1. word 2. name 3. call 4. announce
79. Select the most appropriate option for blank (4)
1. ventured 2. sheltered 3. screened 4. endangered
80. Select the most appropriate option for blank (5)
1. ceases 2. extenuates 3. layoffs 4. actuates

Answer Key

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

Answers with Explanations

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

Given series: 31, 32, 36, ?, 61, 86

The pattern followed here is:

$$31 + (1)^2 = 32$$

$$32 + (2)^2 = 36$$

$$36 + (3)^2 = 45$$

$$45 + (4)^2 = 61$$

$$61 + (5)^2 = 86$$

Hence, 45 is the correct answer.

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

Given that: JRVP : IQUD

The pattern followed here is:

J	R	V	P
-1	-1	-1	-1
I	Q	U	P

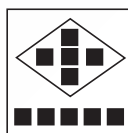
Similarly, upon checking option (2), we get:

Q	J	B	V
-1	-1	-1	-1
P	I	A	U

Hence, QJBV : PIAU is the correct answer.

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

According to the pattern followed and symmetry, the required answer figure is:



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

Given that: 13 A 14 B 15 C 20 = 243

and 15 A 10 B 8 C 9 = 104

from these equations, we can conclude that A belongs to addition, B belongs to multiplication and C also belongs to addition.

So,

$$13 + 14 \times 15 + 20$$

$$\Rightarrow 13 + 210 + 20$$

$$\Rightarrow 243$$

And,

$$15 + 10 \times 8 + 9$$

$$\Rightarrow 15 + 80 + 9$$

$$\Rightarrow 104$$

Similarly,

$$45 + 10 \times 18 + 50$$

$$\Rightarrow 45 + 180 + 50$$

$$\Rightarrow 275$$

Hence, 275 is the correct answer.

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

According to the pattern, following image will complete the figure:



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

Given series: 115, 94, 72, 49, 25, ?

The pattern followed here is:

$$115 - 21 = 94$$

$$94 - 22 = 72$$

$$72 - 23 = 49$$

$$49 - 24 = 25$$

$$25 - 25 = 0$$

Hence, 0 is the correct answer.

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

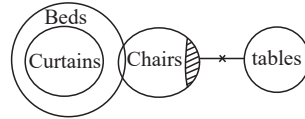
The correct order of the given words is:

4. Life	3. Lift	1. Light	5. Lignite	2. Like
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Hence, 4, 3, 1, 5, 2 is the correct answer

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

According to the statements, following Venn diagram can be made:



Conclusion I - Some chairs are tables - False.

Conclusion II - Some chairs being table is a possibility - True. Hence, only conclusion II follows.

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

Given equation: $26 + 2 \times 8 - 4 \div 1 = 14$

Upon checking option (1) and interchanging + and -, we get:

$$26 - 2 \times 8 + 4 \div 1 = 14$$

$$\Rightarrow 26 - 16 + 4 = 14$$

$$\Rightarrow 26 + 4 - 16 = 14$$

$$\Rightarrow 30 - 16 = 14$$

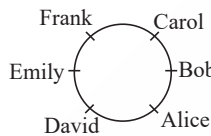
$$\Rightarrow 14 = 14$$

LHS = RHS.

Hence option (1) is correct.

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

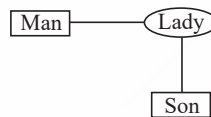
According to the question, following sitting arrangement can be made:



Hence, David sits to the immediate right of Emily.

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

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



Here circle is used for female and rectangle used for male.

Hence, he is the brother of Rakhi.

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

Given that: BOTTLE is coded as CNUUMD

The pattern followed here is:

B	O	T	T	L	E
+1	-1	+1	+1	+1	-1
C	N	U	U	M	D

And,

G	L	A	S	S
+1	+1	-1	+1	+1
H	M	Z	T	T

Hence, Vowels are decreased by 1 and consonants are increased by 1.

Similarly, for MIRROR

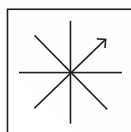
M	I	R	R	O	R
+1	-1	+1	+1	-1	+1
N	H	S	S	N	S

Hence, NHSSNS is the correct answer.

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

In the given figure series, the arrow is shifting forward in clockwise direction by 1, 2, 3, ... steps.

So, the required answer figure is:



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

Given that: Penguin : Chick :: Duck : ?

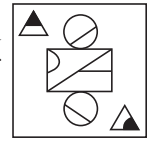
In the given analogy, Chick is a young Penguin.

Similarly, Duckling is a young Duck.

Hence, Duckling is the correct answer.

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

In a mirror image, left becomes right and right becomes left. Hence, the required mirror image is:



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

Given that: QV, TO, MR, PK, ?

The pattern followed here is:

$$Q + 5 = V$$

$$T - 5 = O$$

$$M + 5 = R$$

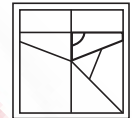
$$P - 5 = K$$

$$\text{Similarly, } I + 5 = N$$

Hence, IN is the correct answer.

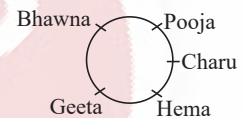
17. **Option (4) is correct.**

The given figure is embedded in option (4) as follows:



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

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



Hence, hema is sitting to the immediate left of Charu.

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

Given series: IDG, __, EZC, CXA, AVY, YTW.

The pattern followed here is:

I	D	G
-2	-2	-2
G	B	E
-2	-2	-2
E	Z	C
-2	-2	-2
C	X	A
-2	-2	-2
A	V	Y
-2	-2	-2
Y	T	W

Hence, GBE is the correct answer.

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

Given that: FIELD is coded as 41.

Here positional values of the alphabets are added and then 5 is added to the value.

So,

$$(F + I + E + L + D) + 5$$

$$\Rightarrow (6 + 9 + 5 + 12 + 4) + 5$$

$$\Rightarrow 36 + 5 = 41$$

And,

$$(W + O + N + D + E + R) + 5$$

$$\Rightarrow (23 + 15 + 14 + 4 + 5 + 18) + 5$$

$$\Rightarrow 79 + 5 = 84$$

Similarly,

$$(S + K + I + L + L) + 5$$

$$\Rightarrow (19 + 11 + 9 + 12 + 12) + 5$$

$$\Rightarrow 63 + 5 = 68.$$

Hence, 68 is the correct answer.

21. Option (4) is correct.

According to data from the Ministry of Mines and the National Mineral Inventory, In India, the largest resources of gold ore (primary) are located in Bihar (44%) followed by Rajasthan (25%), Karnataka (21%), West Bengal (3%), Andhra Pradesh (3%), Jharkhand (2%).

22. Option (4) is correct.

Siddharth Suchde is an Indian squash player who has represented India in numerous international squash tournaments. He has a strong track record and has participated in various competitions, including the Commonwealth Games and the Asian Games.

23. Option (4) is correct.

Tapan Kumar Pattanayak is a renowned exponent of the Chhau dance form. He was awarded the Sangeet Natak Akademi Award specifically for his contributions to Chhau. Chhau is a traditional dance form from Eastern India that incorporates elements of dance, drama, and martial arts. It is known for its vibrant costumes and vigorous movements.

24. Option (4) is correct.

In November 2022, India's Prime Minister, Narendra Modi, virtually unveiled the logo, theme, and website for India's G20 presidency. The G20, or Group of Twenty, is an intergovernmental platform that includes 19 countries and the European Union. It addresses key global economic matters, such as international financial stability, climate change mitigation, and sustainable development.

25. Option (4) is correct.

B.V.R. Subrahmanyam was appointed as the new CEO of NITI Aayog (National Institution for Transforming India) in February 2023. B.V.R. Subrahmanyam is a retired Indian Administrative Service (IAS) officer with significant experience in various capacities. Before his role at NITI Aayog, he served as the Chief Secretary of Jammu and Kashmir.

26. Option (2) is correct.

India shares its western border with Pakistan, a significant neighbouring country with which it has a long and complex history. The India-Pakistan border stretches over 3,300 kilometres, encompassing various terrains, including mountains, deserts, and rivers.

27. Option (1) is correct.

There are six players on a standard ice hockey team on the ice at any given time during a game (when there are no penalties or overtime). These players are typically divided into three forwards, two defensemen, and one goaltender. The number of players on a team roster can vary depending on the league.

28. Option (2) is correct.

Pushyamitra Shunga founded the Shunga Dynasty in the 2nd century BCE. He was a general in the Mauryan Empire who deposed the last Mauryan emperor, Brihadratha, establishing the Shunga Dynasty around 185 BCE.

29. Option (3) is correct.

Jalli kattu is a traditional bull-taming or bull-riding event primarily practised in Tamil Nadu, India. It is a part of the Pongal festival celebrations, specifically on the third day, "Mattu Pongal," which is dedicated to cattle and livestock.

Pongal is a significant harvest festival celebrated in Tamil Nadu and by Tamil communities around the world.

30. Option (4) is correct.

Aquatic animals, like their land-based counterparts, need oxygen to survive. However, aquatic animals such as fish and other marine organisms extract oxygen from water instead of inhaling air. This oxygen exists in the form of dissolved oxygen, meaning oxygen gas (O₂) that is dissolved in water. Dissolved oxygen in water primarily comes from two sources: diffusion from the atmosphere and photosynthesis by aquatic plants and algae.

31. Option (3) is correct.

The proportion of the Sikh population did exhibit a decline exceeding 0.2 percentage points from 1.79% in 1991 to 1.7% in 2011.

32. Option (4) is correct.

The Bardoli Satyagraha was a significant movement in the Indian freedom struggle, taking place on June 12, 1928. It was led by Sardar Vallabhbhai Patel and is recognized for its success in protesting against unjust tax hikes and advocating for farmer's rights.

33. Option (3) is correct.

The Right to Equality is one of the key rights in the Indian Constitution, covering Articles 14 to 18. Among these, Article 18 focuses on abolishing titles. This means the government cannot give out titles that come with special privileges, except for military and academic honours. The goal is to prevent titles from creating a class-based society.

34. Option (4) is correct.

In India, the Reserve Bank of India (RBI) is the main regulatory body that oversees and supervises microfinance institutions (MFIs). The RBI ensures these institutions follow regulations and guidelines for operating in the microfinance sector. Microfinance institutions offer financial services like small loans or microcredit to low-income individuals or people without access to traditional banking services.

35. Option (4) is correct.

The State Consumer Disputes Redressal Commission (State Commission) is a quasi-judicial body in India. It plays a role in the consumer protection system by addressing consumer complaints, grievances, and disputes. The State Commission can hear appeals from District Consumer Disputes Redressal Forums and also handle consumer complaints where the claim amount is within certain limits set by the government.

36. Option (2) is correct.

The breaststroke is one of the primary techniques or styles used in swimming. In this stroke, swimmers use a frog-like kick with their legs while simultaneously pulling their arms in a circular motion to propel themselves through the water.

37. Option (2) is correct.

Article 51A(f) focuses on the value and preservation of India's rich composite cultural heritage. It declares that every citizen has a duty "to value and preserve the rich heritage of our composite culture." This fundamental duty underlines the significance of recognising, respecting, and maintaining India's diverse cultural heritage, which includes traditions, monuments, languages, art forms, and other cultural elements.

38. Option (4) is correct.

The "PM-eBus Sewa" is a scheme approved by the Union Cabinet, headed by the Prime Minister of India. The goal of this initiative is to expand city bus operations by using electric

buses (e-buses) on a Public-Private Partnership (PPP) model. The plan involves introducing and operating 10,000 e-buses in various Indian cities to encourage sustainable urban transportation and lower carbon emissions.

39. Option (2) is correct.

The focus on family planning programs and population control measures in India became a significant target during the Fourth Five-Year Plan (1969-1974). The Fourth Plan addressed the growing population and its potential impact on development by promoting family planning as a key strategy. This plan failed and achieved a growth rate of 3.3% only against the target of 5.7%.

40. Option (4) is correct.

Khorisa is a traditional folk dance linked to the state of Haryana in India. It is usually performed by women and is known for its colourful costumes, rhythmic movements, and lively music.

41. Option (2) is correct.

Let the average expense of 120 hens = ₹ x
 So, total expense of 120 hens = ₹ $120x$
 After adding 140 more hens, total expense = $120x + 4050$
 According to the question,
 $120x + 4050 = (120 + 140)(x - 3)$
 $\Rightarrow 120x + 4050 = 260x - 780$
 $\Rightarrow 140x = 4830$
 $\Rightarrow x = 34.5$
 So, original expenditure of the poultry = $120 \times 34.5 = ₹ 4140$

42. Option (2) is correct.

Given that the average of 17 numbers = 47
 After multiplying the numbers by 6, new average = $47 \times 6 = 282$

43. Option (3) is correct.

Let the principal amount = ₹ P
 Using, $SI = \frac{P \times R \times T}{100}$
 According to the question,
 $SI_1 - SI_2 = \frac{P \times 8 \times T}{100} - \frac{P \times 7 \times 10}{100}$
 $\Rightarrow 57 = \frac{P}{10}$
 $\Rightarrow P = 570$

44. Option (2) is correct.

Value of, $3[4 + 2\{42 - 4(9 - 1)\}]$
 $= 3[4 + 2\{42 - 32\}]$
 $= 3[4 + 20]$
 $= 72$

45. Option (4) is correct.

Cost price of cooler = ₹ 6400
 Profit percentage = 24%
 So, selling price = $6400 \times \frac{124}{100} = ₹ 7936$

46. Option (3) is correct.

Value of, $520 \div 10 + 25 \times 7 - 62 \times 3$,
 $= 52 + 25 \times 7 - 62 \times 3$
 $= 52 + 175 - 186$
 $= 41$

47. Option (1) is correct.

Given:
 Base of triangle = 22 cm
 Height of triangle = 15 cm
 Using area of triangle = $\frac{1}{2} \times \text{base} \times \text{height} = \frac{1}{2} \times 22 \times 15 = 165 \text{ cm}^2$

48. Option (2) is correct.

Given that the ratio of marked price and selling price = 13:9
 So, discount percentage = $\frac{13x - 9x}{13x} \times 100 = 30.77\%$

49. Option (2) is correct.

Let the cost price of the article = ₹ x
 According to the question,
 $4550 - x = 5(x - 3290)$
 $\Rightarrow 6x = 21000$
 $\Rightarrow x = 3500$
 Now, new selling price = $3500 \times \frac{120}{100} = ₹ 4200$

50. Option (1) is correct.

Let the cost price = ₹ 100
 So, marked price = ₹ 180
 Selling price of the article after giving a discount of 25%
 $= 180 \times \frac{75}{100} = ₹ 135$
 So, profit percentage = $\frac{135 - 100}{100} \times 100 = 35\%$

51. Option (1) is correct.

Let the number = x
 According to the question, $x \times \frac{100 - 10}{100} \times \frac{100 - 15}{100} \times \frac{100 - 56}{100} = 20196$
 $\Rightarrow x \times \frac{9}{10} \times \frac{85}{100} \times \frac{44}{100} = 20196$
 $\Rightarrow x = 60000$

52. Option (3) is correct.

The value of, $1100 \div 5 + 420 \div 2 + 550 \div 5$,
 $= 220 + 210 + 110$
 $= 540$

53. Option (1) is correct.

Using, $M_1 D_1 = M_2 D_2$
 $\Rightarrow 25 \times 10 = 20 \times D_2$
 $\Rightarrow D_2 = \frac{25}{2} \text{ days}$

54. Option (4) is correct.

The ratio of efficiency of A and B = 4 : 1
 Let total work = $(4 + 1) \times \frac{84}{15} = 28 \text{ units}$
 Hence, time taken by A alone to finish the work = $\frac{28}{4} = 7 \text{ days}$

55. Option (3) is correct.

According to the question, $\frac{A}{100} \times A = 9604$
 $\Rightarrow A = 980$

56. Option (2) is correct.

From the given options, only 6440 is divisible by 4, 7 and 23.
 Hence, option (2) is correct.

57. Option (3) is correct.

Given that the ratio of milk and water in mixture = 7 : 9

Let the total quantity of mixture = 16 l

According to the question, $\frac{7+x}{9} = \frac{11}{9}$

$$\Rightarrow 63 + 9x = 99$$

$$\Rightarrow x = 4$$

So, required percentage = $\frac{4}{16} \times 100 = 25\%$

58. Option (1) is correct.

Using, $A = P \left(1 + \frac{r}{100} \right)^n$

$$\Rightarrow A = P \left(1 + \frac{32}{100} \right)^2$$

$$\Rightarrow A = 15681.6$$

So, compound interest = $15681.6 - 9000 = ₹ 6681.6$

59. Option (1) is correct.

Given that the speed of car of thief = 70 km/h

Distance travelled by thief in 1 hour (between 2:00 pm to 3:00 pm) = 70 km

Now, time taken by owner to catch the thief = $\frac{70}{105 - 70} = 2$ hr

So, required time = 3:00 pm + 2 hr = 5:00 pm

60. Option (1) is correct.

Given that the ratio of black balls to white balls = 7 : 4

Let the number of white balls = 4x

According to the question, $4x = 44$

$$\Rightarrow x = 11$$

So, total number of balls = $7x + 4x = 11x = 11 \times 11 = 121$

61. Option (1) is correct.

Pandemic is the highest level of global health emergency and signifies widespread outbreaks affecting multiple regions of the world. The incorrect part is 'health emergency and had signifies widespread'. It will be replaced by 'global health emergency and signifies widespread'. This is because the statement puts forth a fact, so simple present tense is preferred over other tense.

62. Option (3) is correct.

On the journey in the train, he talked to his neighbours about politics and the new railways. Since, the sentence talks about an act of travelling from one place to another. So, 'journey' is appropriate for the blank. Entourage means a group of people attending or surrounding an important person. An itinerary is a plan of a journey, including the route and the places that you will visit.

63. Option (4) is correct.

Articulation is the act of expressing something in a coherent verbal form. so, 'enunciation' is the correct synonym.

64. Option (1) is correct.

Walking through the dew, he wet his sneakers. The sentence is correct; no improvement required.

65. Option (4) is correct.

The word 'procure' implies to get possession of (something). Therefore, 'hinder' is the most appropriate antonym. It means to make slow or difficult the progress of.

66. Option (4) is correct.

The word 'characteristic' means a typical or noticeable quality of someone or something. Example: The book started in humour and wit but ended in the author's characteristic ironic manner. The synonym of the word is 'distinctive'; the antonym is 'usual'.

67. Option (4) is correct.

Prospect refers to the possibility or likelihood that something will happen. Example: Gigi felt elated at the prospect of appearing at the Red Carpet at Cannes. The antonym is impossibility.

68. Option (4) is correct.

He burned the midnight oil before his exam and it has paid off. He studied till late at night before his exam and it has paid off. Burning the midnight oil, implies staying up very late in order to study or do some other work. The phrase 'run out of steam' means that one has lost the energy or enthusiasm to keep doing what they were doing. The phrase 'see eye to eye' means agree with each other. 'To lose one's marbles' means to start to forget things and be confused.

69. Option (4) is correct.

Out of all, this is the most famous school in the city. 'The most famous' is the superlative degree of the adjective 'famous'.

70. Option (2) is correct.

Police who did not understand the orthodox methods of the Black Hood suspected him of numerous crimes. Other options use incorrect spellings like : urthodox, methuds and numeruos.

71. Option (2) is correct.

There was no one in the cinema hall besides Sham and Rohan. Here, 'besides Sham and Rohan' will replace 'beside Sham and Rohan'. This is so because 'beside' means 'next to', while 'besides' means 'moreover'.

72. Option (2) is correct.

Suddenly he plumped himself right into the arms of the tallest, ungainly man, who had crossed from the other side. The part 'right into the arms of a tallest, ungainly man' will be substituted by 'right into the arms of the tallest, ungainly man'. The use of the adjective 'tallest' ascribes to its superlative form, so the use of definite article is the most appropriate. Moreover, the person is known, hence he plumped himself, so the definite article is correct.

73. Option (2) is correct.

The explosion left a huge crater. The sentence refers to the act of explosion that is already in the past. So, simple past tense is correct.

74. Option (3) is correct.

The word 'asimilated' is wrongly spelt. It must be 'assimilated', which means to take in and make a part of your basic knowledge something learned from others, so that you can use it as your own. Example: They had worried about being able to assimilate into a culture so different from the one they had left behind.

75. Option (4) is correct.

The idiom 'to huff and puff' means 'to breathe in a loud and heavy way because of physical effort'. Example: Riddhi huffed and puffed after reaching the 10th floor by stairs.

76. Option (1) is correct.

While you are at Chilka, take a moment to yourself and admire the beauty of this fabled lake. 'Take' is the correct verb in this context. It means to wait a short period of time.

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

Indulge in a leisurely boat ride to visit the many spots that the vast expanse of the lake encompasses: the beacon island, bird island, to name a few To visit a 'spot' is technically correct.

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

Indulge in a leisurely boat ride to visit the many spots that the vast expanse of the lake encompasses: the beacon island, bird island, to name a few. The list of the places / spots evinces that the writer names a few of them.

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

The critically endangered Irrawaddy Dolphins frolic in the prey laden brackish waters. The word 'critically' emphasizes on the severity of an issue; therefore, 'endangered' is the correct choice as it tells of the danger of being harmed, lost.

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

Go heritage hunting in the nearby quaint townships ,Chilka never ceases (stops) to amaze.

OSWAAL

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