

PAST YEAR PAPER (2016)
for
SSC-CGL EXAM



Trusted for Success

Paper - 4
(Tier - 1)

SECTION - I

DIRECTION for questions 1, 2 and 3: Select the related word/letters/number from the given alternatives.

1. Owl : Hoots :: Hen : ?
1] Chirps 2] Clucks 3] Coos 4] Cackles
2. AKU : ? :: CMW : DNX
1] BGL 2] BLQ 3] BGQ 4] BLV
3. 5 : 100 :: 7 : ?
1] 49 2] 196 3] 91 4] 135

DIRECTION for questions 4, 5 and 6: Find the odd word/letters/number pair from the given alternatives.

4. 1] Time 2] Skill 3] Interest 4] Knowledge
5. 1] CPA 2] REB 3] QUD 4] AOT
6. 1] 15 - 21 2] 32 - 41 3] 22 - 27 4] 31 - 35

DIRECTION for questions 7 to 25: Choose the correct alternative :

7. Arrange the following words as per order in the dictionary and then choose the one which comes last.
1. Qualify 2. Quarter 3. Quarrel 4. Quaver
1] Qualify 2] Quarter 3] Quarrel 4] Quaver
8. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
DE, GJ, KM, NQ, RT, ?
1] EI 2] UX 3] UV 4] XY
9. A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
2, 7, 14, 23, 34, ?
1] 47 2] 39 3] 42 4] 46
10. A and B are standing at place "P". They start moving in the opposite directions at the speed of 5 Kmph and 4 Kmph respectively. What will be the distance between them after 3 hours?
1] 3 kms 2] 21 kms 3] 18 kms 4] 27 kms

11. If Usha is taller than Nisha; Nisha is taller than Asha; Alka is taller than Usha. Harsha is shorter than Asha; then who among them is the tallest?

- 1] Usha 2] Alka 3] Nisha 4] Asha

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

DHARAMSALA

- 1] MASALA 2] ARAMANA 3] RAMA 4] SAHARA

13. If in a code GONE is written as ILPB then how may CRIB be written in that code?

- 1] EUKY 2] EKUY 3] EYUK 4] EOKY

14. In a certain code language, @ represents +, ⊕ represents '-', α represents '÷' and θ represents 'x'. Find out the answer to the following question.

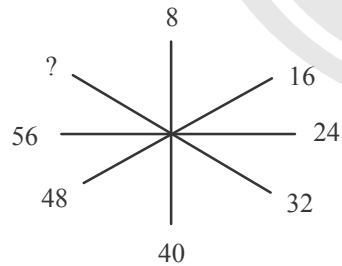
$$107 \theta 3 \oplus 64 \alpha 8 \oplus 2 \theta 9$$

- 1] 295 2] 290 3] 209 4] 105

15. If $12 \times 16 = 188$ and $14 \times 18 = 248$, then find the value of $16 \times 20 = ?$

- 1] 320 2] 360 3] 316 4] 318

16. Find the missing number from the given alternatives.



- 1] 60 2] 62 3] 64 4] 66

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17. One morning, Raju walked towards the sun. After some time he turned left and again to his left. Which direction is he facing?

- 1] North 2] South 3] East 4] West

18. One or two statements are given followed by two conclusions/assumptions, I and II. You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given conclusions/assumptions can definitely be drawn from the given statement. Indicate your answer.

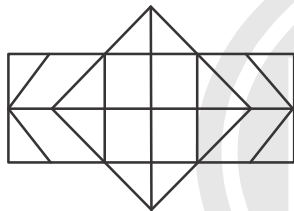
Statements: 1. If people are intelligent, they should be creative.

Assumptions: I. Creativity and intelligence are related.

II. Creative people are intelligent.

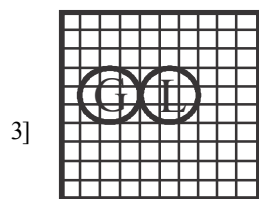
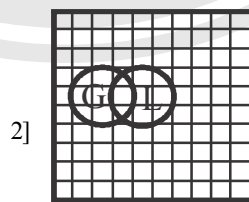
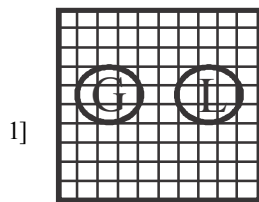
- 1] Only conclusion I follows
 2] Only conclusion II follows
 3] Both conclusion I and conclusion II follow
 4] Neither conclusion I nor conclusion II follows

19. How many rectangles are there in the given figure?

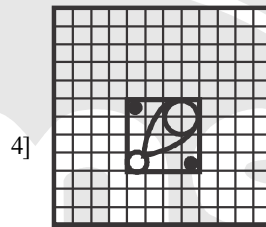
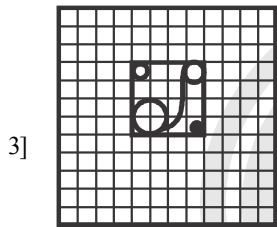
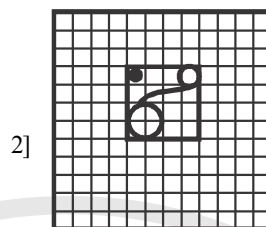
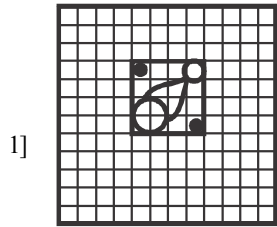
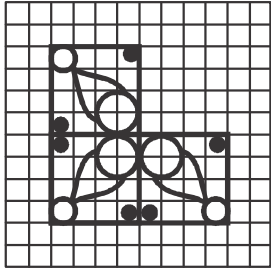


- 1] 8 2] 15 3] 24 4] 30

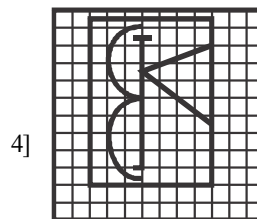
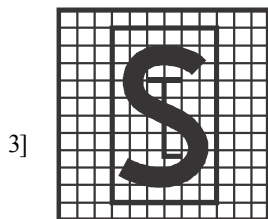
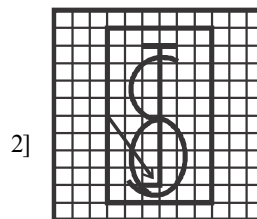
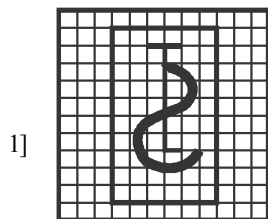
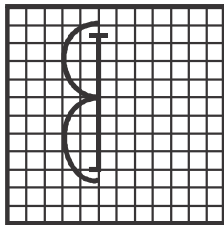
20. In a village some of the goldsmiths are literates. Which diagram shows literate goldsmiths?



21. Which answer figure will complete the pattern in the question figure?

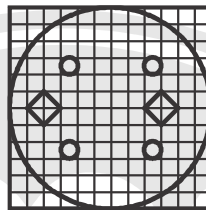
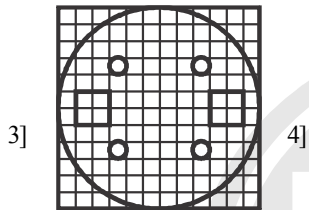
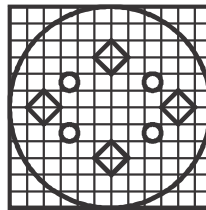
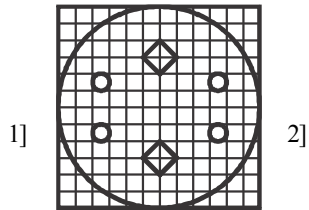
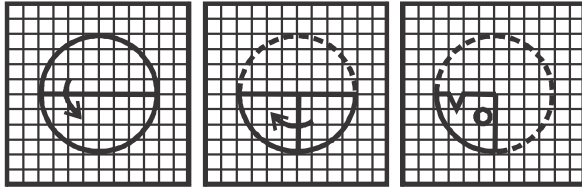


22. From the given answer figures, select the one in which the question figure is hidden/embedded.

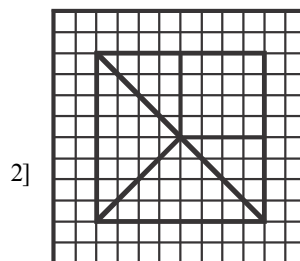
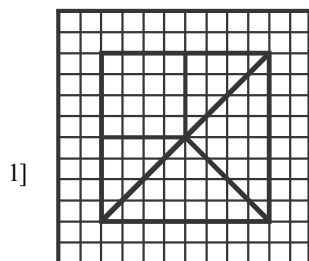
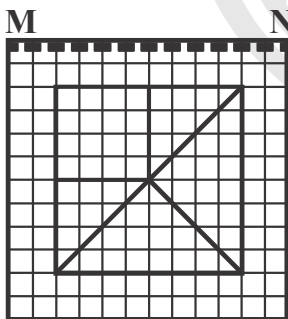


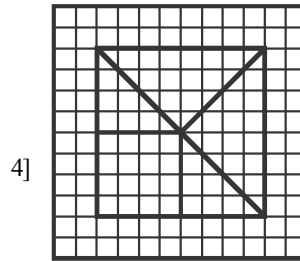
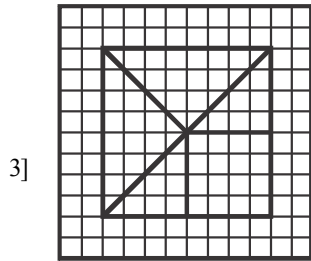
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23. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.



24. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?





25. In this question, the sets of numbers given in the alternatives are represented. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., O can be represented by 03,11, etc., and 'F' can be represented by 55, 68, etc. Similarly you have to identify the set for the word 'BEAD'

MATRIX I

	0	1	2	3	4
0	I	E	A	O	U
1	A	O	U	I	E
2	E	I	O	U	A
3	O	U	E	A	I
4	U	A	I	E	O

MATRIX II

	5	6	7	8	9
5	F	D	B	G	H
6	B	G	H	F	D
7	D	F	G	H	B
8	G	H	D	B	F
9	H	B	F	G	D

- 1] 97, 32, 14, 56
 3] 57, 32, 41, 87

- 2] 88, 41, 20, 57
 4] 75, 14, 20, 57

END OF SECTION - I

SECTION - II

DIRECTION for questions 26 to 50: Choose the correct alternative.

26. Which is the heaviest metal among the following?
1] Gold 2] Silver 3] Iron 4] Copper
27. Which of the following uses the spawn mechanism to duplicate itself ?
1] Trojan horse 2] Worm
3] Keystroke logger 4] Logic bomb
28. Sun appears red in colour at sunrise and sunset due to
1] the fact that sun emits only red colour at that time
2] red light having longer wave length scatters away
3] that sun comes out of the mountains
4] that all other colours scatter away except red
29. What is the main purpose of white blood corpuscles?
1] to carry nutrients 2] to combat infection
3] to carry oxygen 4] to give strength
30. The layer where the decrease in temperature with increasing altitude is totally absent is
1] Troposphere 2] Ionosphere 3] Stratosphere 4] Mesosphere
31. At hill stations, the boiling point of water will be
1] same as at sea level 2] less than that at sea level
3] more than that at sea level 4] equal to the melting point of ice
32. Gandhiji's 'Satyagraha' meant an attachment to the following two elements
1] Knowledge and religion 2] Truth and non-violence
3] Truth and chastity 4] Love of motherland and hate for colonial masters
33. What do you mean by 'Density of Population'?
1] Ratio of people living below poverty line to total population
2] Number of persons live per square kilometre
3] Number of persons in a city
4] Number of persons living per kilometre
34. Which of the following is not a feature of a capitalist economy?
1] Right to private property 2] Existence of competition
3] Service motive 4] Freedom of choice to consumers
-

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60. The vertical angle A of an isosceles triangle $\triangle ABC$ is three times the angle B of it. The measure of the angle A is
1] 90° 2] 108° 3] 100° 4] 36°
61. Two circles touch each other internally. The radius of the larger circle is 6 cm and the distance between the centre is 2 cm, then the radius (in cms) of the other circle is
1] 8 2] 2 3] 4 4] 3
62. If $y = 2 \sec \theta$ and $x = 3 \tan \theta$ then $\frac{x^2}{9} - \frac{y^2}{4}$
1] 0 2] -1 3] 2 4] 1
63. When n is divided by 4, the remainder is 3. The remainder when 2n is divided by 4 is:
1] 1 2] 2 3] 3 4] 6
64. Eight members of a club donate Rs. 1 00 each towards a Relief Fund and the President of the club donates Rs. 50 more than the average donation of all (including President) of them. Then the contribution of the president is
1] 106.25 2] 156.25 3] 56.25 4] 206.25
65. If $a + b + c = 15$ and $\frac{1}{a} + \frac{1}{b} + \frac{1}{c} = \frac{71}{abc}$, then the value of $a^3 + b^3 + c^3 - 3abc$ is
1] 160 2] 160 3] 200 4] 220
66. If k is the largest possible real number such that $p^4 + q^4 = (p^2 + kpq + q^2)(p^2 - kpq + q^2)$, then the value of k is
1] 1 2] $-\sqrt{2}$ 3] 2 4] $\sqrt{2}$
67. $\triangle ABC$ is similar to $\triangle DEF$. If the ratio of similar sides is K:1, the ratio of their areas is
1] $k^2 : 1$ 2] $2k : 1$ 3] $\frac{k^2}{2} : 1$ 4] $2k^2 : 1$
68. $\triangle ABC$ inscribed in a circle so that BC is diameter. The tangent at a point C intersects BA when produced at a point D. If $\angle ABC = 36^\circ$ then the value of $\angle ADC$ is
1] 36° 2] 44° 3] 48° 4] 54°
69. If the length of the shadow of a vertical pole be "3 times the height of the pole, the angle of elevation of the sun is:-
1] 60° 2] 45° 3] 30° 4] 90°
-

SECTION-IV

DIRECTION for questions 76 and 77: In the following question, out of the four alternatives, choose the word which best expresses the meaning of the given word and click the button corresponding to it.

76. ADVERSITY

- 1] CHANCE 2] CAPACITY 3] JOY 4] MISFORTUNE

77. TERMINATE

- 1] CONFINE 2] REPEAL 3] COMMENCE 4] PROGRESS

DIRECTION for questions 78: Choose the correct alternative.

78. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word and click the button corresponding to it.

- 1] Quintessance 2] Quintessence
3] Quaintessence 4] Quintassence

DIRECTION for questions 79 to 81: In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option.

79. If the farmer got a washing machine(A)/ his wife can(B)/ do the laundry quickly(C)/ No error(D)

- 1] A 2] B 3] C 4] D

80. They had often heard(A)/about the ship(B)/they have to travel on(C)/No error(D)

- 1] A 2] B 3] C 4] D

81. He'd no sooner(A)/seen one continent(B)/when he saw another(C)/No error(D)

- 1] A 2] B 3] C 4] D

DIRECTION for questions 82 to 84: The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

82. The ship with its crew _____ gone to the bottom of the sea.

- 1] has 2] have 3] are 4] none

83. The peon respectfully asked if he _____ go there.

- 1] may 2] might 3] can 4] will

84. I know _____ certain that he has gone to England

- 1] with 2] of 3] by 4] for

DIRECTION for questions 85 to 87: In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

85. To eat humble pie
1] To eat an unsavoury pie
2] To be served food that is rotten
3] To yield under humiliating circumstances
4] To give in to political pressure
86. To end in smoke
1] To fail
2] To create smoke
3] To end
4] To emit smoke
87. To spill the beans
1] To reveal partial truth
2] To be untidy
3] To reveal a secret
4] To conceal a fact

DIRECTION for questions 88 to 90: Out of the four alternatives, choose the one which can be substituted for the given words/sentences and click the button corresponding to it.

88. Committing murder in revenge
1] Massacre 2] Vendetta 3] Homicide 4] Regicide
89. The thing that can be easily broken
1] Amorphous 2] Brittle 3] Subtle 4] Solid
90. An unimportant person
1] Nonagenarian 2] Nonentity 3] Nonpareil 4] Nonconformist

DIRECTION for questions 91 to 95: A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to "No improvement".

91. The tribe lived with different customs
1] on 2] by 3] through 4] No improvement
92. Dumbfounded by the accusation, he could offer no serious defence
1] correct 2] certain 3] severe 4] No improvement
93. Ramu never makes at least a century each time he plays cricket
1] seldom 2] forever 3] always 4] No improvement

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94. He is given to gambling and drinking
1] given away 2] given in 3] given up 4] No improvement
95. I would soon walk than stand in the cold waiting for the bus
1] hardly 2] longer 3] sooner 4] No improvement

DIRECTION for questions 96 to 100: A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

The stranger agreed to join Robin's band only on one condition. He wanted to join a competition of shooting arrows with Robin. If he was defeated in that competition, he would gladly join Robin and his men. Soon arrangements for the competition was made. Robin's men carved bull's eye on the trunk of a tree at a distance of about fifty yards. Taking out his bow and arrow the man carefully shot an arrow which struck right into the centre of the bull's eye. Robin's men were surprised at the man's skill. Then Robin took the bow and shot an arrow which not only hit the bull's eye in the centre but broke the stranger's arrow in the middle. Robin thus proved that he had better skills than the stranger. The stranger was amazed to see this and said, "I have never seen such a skill in all my life. it will be a pleasure for me to join you and your men. My name is John Little. Robin and his men gladly welcomed him. But Robin said that from then on he would be known as Little John.

96. What was the stranger's condition for joining Robin's band?
1] Only if he and Robin have a competition of shooting arrows
2] Only if he is defeated by Robin in a competition of shooting arrows
3] Only if he should be better than Robin in shooting arrows
4] Only if Robin would let him be better at shooting arrows
97. What did Robin's men do?
1] They refused to let the stranger prove his skills
2] They sent the stranger away
3] They made arrangements for the competition
4] They made the stranger prove his skill
98. How did the stranger know that Robin had better skill than him?
1] When Robin's arrow hit the bull's eye
2] When Robin agreed to let him compete with him
3] When Robin beat him in the competition
4] When Robin's arrow hit the bull's eye and broke the stranger's arrow
99. What name did Robin give him?
1] Robin Little 2] John Little 3] Robin 4] Little John
100. What did Robin do after the competition?
1] He welcomed the stranger to the band and changed his name
2] He changed the stranger's name
3] He welcomed the stranger
4] He sent the stranger away

END OF SECTION - IV
