

Q.P. Code – 13567



Question Booklet No. :

Fifth Semester B.Com. Degree Examination

OCTOBER/NOVEMBER 2019

(2013-14 Scheme)

Commerce

Paper CME 910/SCE 910 : LOGICAL AND ANALYTICAL REASONING

Series : E

Time : 90 Min]

[Max. Marks : 40

Instructions to the candidates :

1. The question paper comprises **40** multiple choice questions, each question carries **ONE** mark.
2. Please do not write/mark anything on the question paper.
3. You are provided with OMR sheet for answering each question.
4. You are required to give your right answer by blocking an oval in front of each question number on the Answer Sheet (OMR sheet).
5. While marking your answers, darken the oval which is the correct/best answer as shown in the example below :

Correct Method : ☐ ☒ ☐ ☐

Wrong Method : ☒ ☐ ☒ ☐

6. Do not overwrite or erase because it will be treated by the OMR machine as wrong answer.
7. Answer sheet will be processed by the electronic means i.e. computer. Invalidation of Answer Sheet due to incomplete/incorrect filling of the Answer Sheet will be the sole responsibility of the Candidate.
8. Please hand over both the copies of the Answer Sheet along with the Question Booklet to the Invigilator before leaving the examination hall.
9. Please use only BLUE OR BLACK BALL POINT PEN to mark your answers. Pens with any other colours and gel ink are prohibited. Do not use Pencil.
10. While answering choose the best alternative from the four choices given below the question and mark the same in corresponding oval in your Answer Sheet.
11. Do not write or mark on Answer Sheet outside the demarcated areas. It may invalidate your Answer Sheet.
12. If any type of mark is put on the alternative answers A, B, C and D or anywhere else other than the space provided for rough work in the Question Booklet, then candidature will be cancelled.

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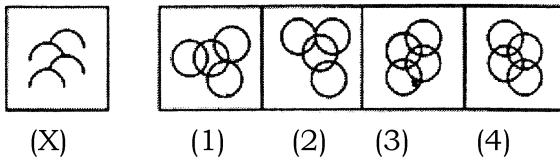
Paper CME 910/SCE 910 – LOGICAL AND ANALYTICAL REASONING

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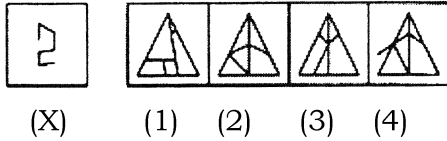
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1. Find out the alternative figure which contains figure (X) as its part :



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

2. Find out the alternative figure which contains figure (X) as its part :

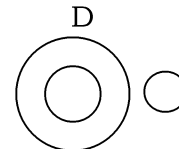
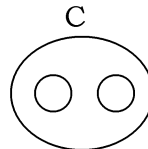
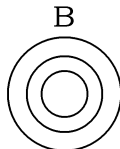
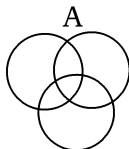


- (A) 1 (B) 2
(C) 3 (D) 4

3. Arrange the following words according to the alphabetical order.

1. Song 2. Sung 3. Sing 4. Singh 5. Sind
(A) 23541 (B) 53412
(C) 43521 (D) 25341

Direction to Answer from Question No. 4 to 6 : Each of the questions given below contains three elements. These elements may or may not have some inter linkage. Each group of elements may fit into one of the diagrams A, B, C, D. You have to indicate the group of elements which correctly fits into the diagram.



4. Women, Doctors, Blue Eyed
5. Shivamogga, Chickmagalur, Karnataka
6. Apple, Fruit, Tomato



Direction to answer from Question No. 7 to 8 : In each of the following questions has two statements are given and these statements are followed by two conclusions numbered I and II. You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts. Give answer.

- (A) If only conclusion I follows
- (B) If only conclusion II follows
- (C) If both I and II follows
- (D) If neither I nor II follows

7. Statements I : All bikes are cars.
II : All cars are books.

Conclusions I : All books are not bikes
II : Some books are bikes

8. Statements I : All the singer's are entertainers.
II : Some entertainers are fathers.

Conclusions I : Some fathers are singers
II : All entertainers are singers

9. Indexing at a photograph, a person says, 'I do not have any brothers or sisters, but that man's father is my father's son'. Then, how the man in the photograph is related to this person?

- (A) Brother
- (B) Son
- (C) Cousin
- (D) Data is inadequate

10. Pointing towards a man, a woman said, "His mother is the only daughter of my mother". How is the women related to the man?

- (A) Mother
- (B) Grand Mother
- (C) Sister
- (D) Daughter



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11. Amruth and Dhyan are children of Mahesh. Who is the father of Amruth? To answer this question which of the statements is/are necessary?

Statement I : Chandan is the brother of Amruth and the son of Dhyan

Statement II : Meenakshi is the mother of Dhyan

- (A) Only I (B) Only II
(C) Either I or II (D) I and II both are required
12. A person is walking towards the sun, takes the left turn. In which direction is he walking?
(A) North (B) South
(C) North East (D) Data Insufficient
13. The town of P is located on the bank Tunga River. The town of A is west of P. T is east of A but west of P. K is east of B but west of T and A. If they are all in the same district, which town is the farthest west?
(A) B (B) K
(C) A (D) P

Directions to answer from Question No. 14 to 15 : G, P, R, S and W are sitting in a row and facing to North. S and Z are in the center, P and G are at the ends. R is sitting to the left of G.

14. Who is in the second position to the left from the last but one from the right?
(A) G (B) R
(C) S (D) None
15. Who is to the right of P?
(A) G (B) R
(C) S (D) None
16. Ms. Suman is walking towards south-east for 7 kms, then she takes a turn towards west and walks 14 kms. And she takes a turn towards north west for 7 kms and finally she turn towards east and walks 4 kms and stops at a point. In which direction and at what distance is she from the starting point?
(A) East 10 kms (B) West 10 kms
(C) North East 7 kms (D) South 7 kms



17. The last day of a century cannot be
(A) Monday (B) Wednesday
(C) Tuesday (D) Friday
18. The day of week of India celebrated its first Republic Day was on
(A) Monday (B) Thursday
(C) Wednesday (D) Friday

Direction to answer from Question No. 19 to 20 : Each question has two statements, numbered I and II and these statements may be either Independent causes or may be Effects of Independent causes or a Common cause. One of these statements may be the Effect of the other statement. Read both the statements and decide which of the following answer choice correctly depicts the relationship between these two statements.

Answer Option :

- (A) If statement I is the cause and statement II is its effect
(B) If statement II is the cause and statement I is its effect
(C) If both the statements I and II are independent causes
(D) If both the statements I and II are effects of independent causes
19. Statement I : The employees of the biggest general insurance company in the country have given an indefinite strike call starting from the 10th of this month.
II : The employees of the Central Govt. have withdrawn their week long demonstrations.
20. Statement I : Police resorted to lathi charge to disperse the unlawful gathering of large number of people.
II : The citizen's forum called a general strike in protesting against the police atrocities.

Direction to answer from Question No. 21 to 23 : Find out the missing figure.

21. 5, 13, 37, 109, _____
(A) 333 (B) 311
(C) 320 (D) 325



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22. 142, _____ 114, 94, 70

(A) 130

(B) 128

(C) 120

(D) 132

23. 1, 4, 9, 16, 25, 36, 49 _____

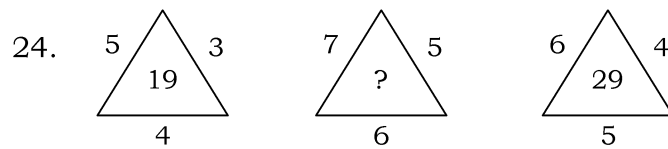
(A) 54

(B) 56

(C) 64

(D) 81

Direction to answer from Question No. 24 to 26 : Find out one will replace the question mark.

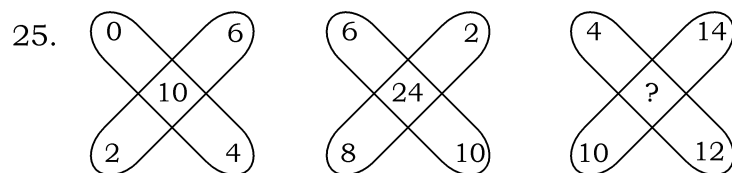


(A) 25

(B) 37

(C) 41

(D) 47

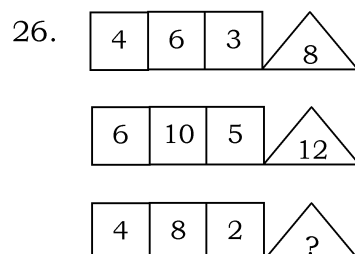


(A) 36

(B) 48

(C) 38

(D) 30



(A) 8

(B) 12

(C) 16

(D) 20



27. Gireesh, Karthik and Gururaj can do a piece of work in 20, 30 and 60 days respectively. In how many days can Gireesh do the work if he is assisted by Karthik and Gururaj on every third day?
- (A) 10 days (B) 19 days
(C) 12 days (D) 15 days
28. Abhijith can lay railway track between two given stations in 16 days and Megharaj can do the same job in 12 days. With help of Srinivas, they did the job in 4 days only. Then, Srinivas alone can do the job in :
- (A) $9\frac{3}{5}$ days (B) $9\frac{2}{5}$ days
(C) $9\frac{1}{5}$ days (D) 13 days
29. Shruthi is two years older than Asha who is twice as old as Subramanya. If the total ages of Shruthi, Asha and Subramanya be 27, how old is Asha?
- (A) 11 years (B) 12 years
(C) 9 years (D) 10 years
30. Two bus tickets from City X to Y and three tickets from city X to Z costs ₹ 77. But three bus tickets from City X to Y and two tickets from City X to Z costs ₹ 73. What are the fares from Cities Y and Z from City X?
- (A) ₹ 4, ₹ 23 (B) ₹ 14, ₹ 17
(C) ₹ 13, ₹ 17 (D) ₹ 17, ₹ 13
31. A number of friends decided to go on a picnic and planned to spend ₹ 96 on eatables. 4 of them however, did not turn up. As a consequence, the remaining ones had to contribute ₹ 4 each extra. The number of those who attended the picnic was
- (A) 8 (B) 10
(C) 6 (D) 12
32. A, B, C, D and E play a game of cards. A says to B, "If you give me three cards, you will have as many as E has and if I give you three cards, you will have as many as D has". A and B together have 10 cards more than what D and E together have. If B has 2 cards more than what C has and the total number of cards be 133, how many cards does B have?
- (A) 22 (B) 23
(C) 25 (D) 35



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33. A pineapple costs ₹ 7 each. A watermelon costs ₹ 5 each. Gundanna spends ₹ 38 on these fruits. The number of Pineapples purchased is?

- (A) 2 (B) 3
(C) 4 (D) Data inadequate

Direction to solve Question No. 34 to 35 : In the following questions choose the word which best expresses the meaning of given word.

34. RESOURCE

- (A) Human (B) Stock
(C) Source (D) Inventory

35. MOVING

- (A) Taking (B) Toying
(C) Shifting (D) Turning

Direction to solve Question No. 36 to 38 : In each of the following questions, four words have been given, out of which three are alike in some manner, while the fourth one is different. Choose the word which is different from the rest.

36. (A) Chicken (B) Snake
(C) Swan (D) Crocodile

37. (A) Cap (B) Turban
(C) Helmet (D) Veil

38. (A) Kiwi (B) Eagle
(C) Emu (D) Ostrich

39. If A P is coded as Z Q. Then code FREEZE

- (A) RFEEEZ (B) ESDFAF
(C) EZEERF (D) ERFEZE

40. In a certain code, '37' means 'which class' and '583' means 'caste in class'. What is the code for 'caste'?

- (A) 3 (B) 7
(C) 8 (D) Either 5 or 8

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Space for Rough Work