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50. If Hindi and English are the only subjects chosen from Group A, then which among the following is definitely selected ?

- (a) Statistics
- (b) Biology
- (c) Maths
- (d) Cannot be Determined

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Roll No. ....

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**M. C. A. (FIRST SEMESTER)**

**MID SEMESTER**

**EXAMINATION, Jan., 2023**

**PROFESSIONAL COMMUNICATION AND  
CAREER SKILL-I**

**Time : 1½ Hours**

**Maximum Marks : 50**

**Note :** (i) This question paper contains 50 questions.

(ii) All questions are compulsory.

(iii) Kindly follow the instructions carefully regarding the questions.

(iv) Each question contains equal marks.

**Directions for Q. nos. 1-11 :** Choose the best option to fill the blank :

1. If I wake up late, I ..... late for work.

- (a) am
- (b) will
- (c) shall be
- (d) None of the above

*P. T. O.*

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10. A dozen \_\_\_\_\_ injured.

- (a) were
- (b) was
- (c) will
- (d) very

11. The poor \_\_\_\_\_ honest.

- (a) to
- (b) too
- (c) is
- (d) are

12. Which of the following is grammatically most appropriate ?

- (a) I don't think we met before.
- (b) I don't think we have met before.
- (c) I don't think we had met before.
- (d) I don't think we should met before.

13. Which of the following is grammatically most appropriate ?

- (a) The banks don't open on Sunday.
- (b) The banks had not opened on Sunday.
- (c) The banks are not opening on Sunday.
- (d) The banks not opening on Sunday.

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14. Which of the following is grammatically most appropriate ?

- (a) India has won freedom in 1947.
- (b) India had won freedom in 1947.
- (c) India won freedom in 1947.
- (d) India win freedom in 1947.

15. Which of the following is grammatically most appropriate ?

- (a) Law and order is to be maintained during lockdown.
- (b) Law and order are to be maintained during lockdown.
- (c) Law and orders are to be maintained during lockdown.
- (d) Laws and orders are to be maintained during lockdown.

16. Which of the following is grammatically most appropriate ?

- (a) Which book have you read last year ?
- (b) Which book had you read last year ?
- (c) Which book did you read last year ?
- (d) Which book you read last year ?

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**Directions for Q. nos. 17-20 :** Choose the best option to fill the blank :

17. When I was a child, I loved to play in the leaves, skip down the driveway, and \_\_\_\_\_ against the wind.
- (a) run
  - (b) walking
  - (c) running
  - (d) on
18. I still enjoy playing in the leaves, skipping down the driveway, and \_\_\_\_\_ against the wind.
- (a) run
  - (b) running
  - (c) drawing
  - (d) draw
19. Mamta danced a jig and then \_\_\_\_\_ a song that took my heart away.
- (a) sing
  - (b) play
  - (c) sang
  - (d) singing

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20. Mamta said that she wanted to dance a jig and then \_\_\_\_\_ a song that would take my heart away.

- (a) sing
- (b) sang
- (c) singing
- (d) playing

**Direction for Q. nos. 21-22 :** There are 2 married couples in a family of 6 people : U, V, W, X, Y and Z. U is the Grandson of X and the brother of Z. W is the daughter-in-law of Y who is the Grandfather of Z.

21. How is X related to W ?

- (a) Mother
- (b) Sister
- (c) Mother-in-law
- (d) Cannot be Determined

22. Which among the following is a pair of siblings ?

- (a) U and V
- (b) X and V
- (c) U and Z
- (d) None of These

**P. T. O.**

**Direction for Q nos. 23-25 :**

$M + N$  means M is the Brother of N

$M \times N$  means M is the Husband of N

$M - N$  means M is the daughter of N

$M / N$  means M is the wife of N

23. What does the relation  $D - E \times F$  mean ?

- (a) F is the mother of D
- (b) F is the sister of D
- (c) F is the Father of D
- (d) None of These

24. What does the relation  $D/E + F - G$  mean ?

- (a) G is the Father-in-law of D
- (b) F is the brother-in-law of D
- (c) G is the mother of E
- (d) D is the daughter-in-law of G

25. How will we depict the relation E is the sister-in-law of F ?

- (a)  $E + D - F / G$
- (b)  $E / D + F - G$
- (c)  $E + D - F / G$
- (d) None of These

**Directions for Q nos. 26-28 :** Five students Anubhav, Bipin, Charu, Dheeraj and Eklavya were seated in a row to take a Mock Test. Each person belonged to a different branch of Engineering from CS, ME, EC, EE and CE.

Further conditions are as follows :

- (1) Charu's branch is EC and she is not seated at either ends.
  - (2) The person with CE specialization is 2nd to the right of Dheeraj.
  - (3) Bipin's branch is neither ME nor CS.
  - (4) Ekalvyia is at the extreme right of the arrangement.
  - (5) The person with ME specialization is at the middle position.
  - (6) The Electrical Engineer is to the immediate left of Bipin.
26. Who is the person with EE specialization ?
- (a) Bipin
  - (b) Eklavya
  - (c) Anubhav
  - (d) Cannot be Determined

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27. What is the specialization of the person sitting 4th from the left of the arrangement ?

- (a) EE
- (b) EC
- (c) CS
- (d) Cannot be Determined

28. Who is the person specializing in ME ?

- (a) Dheeraj
- (b) Bipin
- (c) Ekalvya
- (d) Anubhav

**Directions for Questions 29-31 :**

In a family, there are 8 peoples A, B, C, D, E, F, G and H. Further conditions are as follows :

- (1) B is the father of C.
- (2) E is the Mother-in-law of H and grandmother of D.
- (3) There are 3 generations and 2 married couples in the family.
- (4) F is the mother of G.
- (5) A, the brother of C is the only Maternal Uncle of D.

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(6) There are 3 siblings in 1 generation and 2 brothers in another generation.

29. How many male members are there in the family ?

- (a) 3
- (b) 4
- (c) 5
- (d) 6

30. How is C related to G ?

- (a) Father
- (b) Mother
- (c) Uncle
- (d) Aunt

31. How is H related to A ?

- (a) Father
- (b) Father-in-law
- (c) Brother
- (d) Brother-in-law

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**Directions for Q. nos. 32-35 :** Rajan, Sajan, Sunita, Kavita, Vinita, Veena and Raja are sitting around a circular table for dinner. The 5 of them are facing the center and remaining 2 are facing opposite to the center.

Further it is known that :

- (1) One of them who is facing opposite to the center is the immediate neighbour of Sajan.
- (2) Rajan is 3rd to the right of Raja who is facing the center.
- (3) Kavita is 3rd to the right of Sunita. Both of them are facing the center.
- (4) One of them who is facing opposite to the center is sitting exactly between Veena and Kavita.
- (5) Neither Sunita nor Kavita is immediate neighbor of Vinita

32. Who are facing opposite to the center ?

- (a) Rajan and Veena
- (b) Vinita and Veena
- (c) Rajan and Vinita
- (d) None of these

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33. Who is 2nd to the left of Rajan ?

- (a) Sunita
- (b) Raja
- (c) Vinita
- (d) Sajan

34. Who is seated at the immediate left of Vinita ?

- (a) Sunita
- (b) Raja
- (c) Rajan
- (d) Kavita

35. Who among the following is neighbour of Kavita ?

- (a) Sunita
- (b) Raja
- (c) Veena
- (d) Sajan

36. Mayank is the brother of the daughter of Kusum's son, then how is Kusum's Husband is related to Mayank ?

- (a) Paternal Uncle
- (b) Paternal Grandfather
- (c) Maternal Uncle
- (d) Maternal Grandfather

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37. A is B's sister. C is B's mother. D is C's father. E is D's mother. How is A related to D ?

- (a) Grandmother
- (b) Grandfather
- (c) Daughter
- (d) Granddaughter

**Directions for Q. nos. 38-41 :** P, Q, R, S, T, and U are 6 peoples who live in same residential building. Each one of them belongs to a different profession which are-Manager, Scientist, Professor, Housewife, Politician and Sportsperson. Further it is known that :

- (1) There are 2 females and both are married.
- (2) P is a politician and she is married to Manager.
- (3) Q is a Professor.
- (4) U is unmarried.
- (5) R is the housewife married to T.
- (6) There are 2 couples in the group and the rest are unmarried

38. What is the profession of U ?

- (a) Scientist
- (b) Politician
- (c) Sportsperson

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(d) Cannot be determined

39. Who is the Manager ?

- (a) S
- (b) P
- (c) S
- (d) U

40. Which of the following is a married couple ?

- (a) T and Q
- (b) P and T
- (c) P and S
- (d) Q and R

41. Which of the following is true for Q ?

- (a) Q is married male
- (b) Q is married female
- (c) Q is unmarried
- (d) None of these

**Directions for Q. nos. 42-44 :** Uttarakhand hockey team has a starting lineup that is selected from two groups :

First Group : Jitendra, Deepak, Vinod, Ejaj

Second Group : Lokendra, Roger, George, Shahid, Pawan

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When deciding on the players in the lineup, the coach considers the following requirements :

- (1) Two players are always chosen from the first group, while three are chosen from the second group.
- (2) George will only start if Vinod also starts.
- (3) Deepak and Vinod will not start together.
- (4) If George starts, Shahid won't start.
- (5) The four fastest players are : Jitendra, Vinod, George and Pawan

Three of the four fastest players will always be chosen.

42. If George is in the starting lineup, who must also start ?

- (a) Shahid or Jitendra
- (b) Deepak or Lokendra
- (c) Deepak or Jitendra
- (d) Jiteridra or Pawan

43. Which of the following pairs cannot start together ?

- (a) Ejaj and Deepak
- (b) George and Jitendra
- (c) Roger and Jitendra
- (d) Jitendra and Vinod

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44. Of the following hockey players, who must start ?

- (a) Pawan
- (b) Jitendra
- (c) George
- (d) Vinod

45. A is richer than B but not as rich as D. D is poorer than C who in turn is poorer than F. If F is richer than E, then who among them is the richest ?

- (a) E
- (b) C
- (c) F
- (d) D

46. Pointing to a boy, a lady said to a man, "He is the brother of my daughter's sister and I am the sister of your daughter". How is the man related to the boy's sister ?

- (a) Father
- (b) Uncle
- (c) Brother
- (d) Grandfather

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47. Pointing to the photograph of Amit, a woman said to her friend "His brother's father is the only son of my maternal grandfather." How is sumi related to Ajju ?

- (a) Sister
- (b) Niece
- (c) Cousin
- (d) None of these

**Directions for Q. nos. 48-50 :** Ravi wants to join UNJ university for the UG program in Astronomy. He has to appear in the entrance examination for this purpose. For this entrance examination, a student has to choose exactly 5 subjects to appear. The subjects have been divided into 2 Groups A and B containing 5 subjects each and the student must choose at least 2 subjects from each group.

**Group A :** Hindi, Accounting, Ethics, English and Psychology

**Group B :** Physics, Statistics, Chemistry, Biology and Maths

Further conditions are as follows :

- (1) Hindi and Biology cannot be chosen together.

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- (2) If Ethics is chosen, Statistics should be definitely chosen.
- (3) If 3 subjects are chosen from Group A, Psychology should be definitely chosen.
- (4) If Accounting is chosen, Hindi should not be chosen.
- (5) At least 1 subject from Physics and English must be chosen.

48. If 3 Subjects are chosen from Group A including Hindi and Ethics, then which of the following subjects must definitely be selected ?

- (a) Chemistry
- (b) Physics
- (c) Maths
- (d) Biology

49. Which of the following combination is not possible ?

- (a) Hindi, Ethics, Statistics, Physics, Maths
- (b) Accounting, Ethics, Biology, Maths, English
- (c) English, Ethics, Statistics, Psychology, Physics
- (d) Physics, Chemistry, Maths, Hindi, Psychology

P. T. O.