

H Roll No. ....

**XCS-300/301(A)**

**B. TECH. (THIRD SEMESTER)  
MID SEMESTER EXAMINATION, 2022**

**(All Branches)**

**CAREER SKILLS**

**Time : 1½ Hours**

**Maximum Marks : 50**

**SET-A**

**Instructions for students :**

- (i) This paper consists of 50 questions—25 on Verbal Ability and 25 on Logical Reasoning.
- (ii) All questions are compulsory.
- (iii) Use of calculator is not allowed.
- (iv) No negative marking.
- (v) Each question carries equal mark.

**Directions (Q. Nos. 1-2) : Answer the questions on the basis of the information given below :**

In a class of five students — Ajay, Bijay, Chandragupta, Dheeraj and Ehsaan — two lists are

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prepared based on the heights and the ages of the students. The students are assigned ranks in the lists. In the list according to ages, the youngest student is awarded rank 1 and the oldest student is awarded rank 5. In the list according to the heights, the tallest student is awarded rank 5 and the shortest student is awarded rank 1. It is also known that :

There is only one student who has the same rank in both the lists.

Ajay is the youngest among the five and is taller than at least two other people.

The tallest person is Dheeraj and he is younger to only one person Chandragupta.

Bijay is the shortest person and is older than Ehsaan.

1. Who among the five students is the fourth tallest ?

- (a) Ajay
- (b) Chandragupta
- (c) Ehsaan
- (d) Cannot be determined

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2. Which student has the same rank in both the lists ?

- (a) Ajay
- (b) Bijay
- (c) Chandragupta
- (d) Ehsaan

3. Six persons A, B, C, D, E and F are wearing shirts coloured red, blue, green, yellow, white and pink respectively. They are sitting at a circular table. The person wearing red shirt is sitting opposite to the person wearing blue shirt. The person wearing white shirt is sitting opposite to the person wearing yellow shirt. The person wearing white shirt isn't sitting adjacent to the person wearing green shirt, who is sitting to the immediate right of the person wearing blue shirt.

Which of the following is the correct position of F ?

- (a) To the immediate right of E
- (b) To the immediate left of E
- (c) To the immediate left of A
- (d) None of the above

4. Four boys Aditya, Bhaskar, Chetan and Dilip and four girls Preeti, Rani, Sonam and Trisha are sitting at a circular table. Aditya sits opposite Rani. Chetan sits to the immediate left of Preeti. Sonam sits second to the right of Aditya. Dilip sits opposite Trisha. If no two girls sit opposite each other, then who would sit to the immediate left of Aditya and Bhaskar respectively ?

- (a) Dilip, Rani
- (b) Preeti, Sonam
- (c) Chetan, Rani
- (d) Trisha, Sonam

5. Three friends Sunil, Rohit and Sandeep go out for shopping and buy a gift each for their wives-Dhwani, Himani and Vidhi on Valentine's Day, not necessarily in the same order.

Dhwani is not Mr. Sharma's wife. Rohit's full name is Rohit Sehwaag. Mr. Sachdeva bought a purse for his wife. Himani got a saree as a present. Mr. Sharma did not buy a saree for his wife. Dhwani did not get cosmetics. Sandeep is

not Mr. Sachdeva. One of the lady's name is Vidhi.

Which of the following statements is true ?

- (a) Sunil Sachdeva-Dhwani-purse, Rohit Sehwaag-saree-Himani
- (b) Sunil Sharma-cosmetic-Dhwani, Sandeep Sharma-purse-Vidhi
- (c) Rohit Sehwaag - saree-Himani, Sandeep Sharma-purse-Dhwani
- (d) Sunil Sachdeva-saree-Dhwani, Sandeep Sharma-cosmetic-Vidhi

**Directions (Q. Nos. 6-9) :** Read the following information carefully and answer the questions given below :

Eight persons E, F, G, H, I, J, K and L are seated around a square table-two on each side.

There are three lady members and they are not seated next to each other.

J is between L and F.

G is between I and F.

H, a lady member, is second to the left of J.

L, a male member, is seated directly opposite of E, a lady member.

There is a lady member between F and I.

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6. Who among the following is seated between E and H ?
- (a) F
  - (b) I
  - (c) G
  - (d) None of the above
7. How many persons are seated between K and F ?
- (a) 1
  - (b) 2
  - (c) 3
  - (d) 4
8. Who among the following are the three lady members ?
- (a) E, G and J
  - (b) E, H and G
  - (c) G, H and J
  - (d) Cannot be determined
9. Who among the following is to the immediate left of F ?
- (a) G
  - (b) J
  - (c) K
  - (d) Cannot be determined

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**Directions (Q. Nos. 10-12) :** Six students Baba, Diya, Goru, Isha, Neha and Raja are sitting at a circular table. Each of them is doing his/her MBA from a distinct B-school. It is also given that :  
Baba is sitting opposite the FMS student and is not the NMIMS student.

Goru is sitting at an equal distance from the XLRI student and the NMIMS student.

The students from NMIMS and MDI are sitting next to each other.

The student from MICA sits second to the right of Diya but not the left of Neha.

Baba sits to the immediate right of Neha, the IMT student.

10. Diya is doing her MBA from which of the following colleges ?

- (a) IMT
- (b) NMIMS
- (c) MDI
- (d) XLRI

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11. Which of the following statements cannot be definitely true ?

- (a) Raja sits next to Baba
- (b) Goru sits next to Isha
- (c) Isha sits next to Baba
- (d) Raja sits fourth to the left of Diya in clockwise direction.

12. Raja belongs to which college ?

- (a) NMIMS
- (b) MDI
- (c) FMS
- (d) Cannot be determined

**Directions (Q. Nos. 13-17) :** Eight persons are sitting around a circular table such that some of them are facing towards the center while some are facing away from the center. M is third to the right of S, who sits second to the left of Y. P sits on the immediate right of X, who faces the same direction as faced by M. Neither X nor P is adjacent to M. C is third to the left of Y. Not more than 4-person face outside. B and S face same direction. C is third to the right of B. J is second to the left of M.

C and J face opposite direction to that of B. Immediate neighbors of C face opposite directions.

13. How many persons face towards the center ?

- (a) 2
- (b) 3
- (c) 5
- (d) Cannot be determined

14. What is the position of J with respect to P ?

- (a) Sixth to the right
- (b) Third to the left
- (c) Third to the right
- (d) None of the above

15. Find the odd one out :

- (a) X
- (b) S
- (c) M
- (d) P

16. Who is second to the right of C ?

- (a) X
- (b) P
- (c) S
- (d) Cannot be determined

17. How many persons sit between J and B when counted from the right of former ?

- (a) 2
- (b) 3
- (c) 4
- (d) None of the above

**Directions (Q. Nos. 18-22) :** Study the following information carefully and answer the questions given beside :

In a classroom, there are two rows of chairs. There are 6 seats in each row of 5 people. In row-1 Iron Man, Thanos, Captain America, Thor and Spider Man are facing south while in row-2 Black Panther, Ant Man, Doctor Strange, Nebula and Hulk are facing north but not necessarily in the same order.

Iron Man is sitting second to the right of Captain America while Thanos is sitting at corner. One of the two vacant seats is in one of the corners. Thor is sitting immediately right to Spider Man. Iron Man and Nebula are related in the same manner as Ant Man and Thor are related. Thanos is sitting in front of Hulk. Black Panther is not sitting with Ant

Man. The person, who is sitting in front of Ant Man, is immediately left to the Thanos. Spider Man is sitting diagonally opposite to Hulk.

18. Who is sitting immediately next to Black Panther ?

- (a) Ant Man
- (b) Doctor Strange
- (c) Both Doctor Strange and Ant Man
- (d) Hulk

19. Who among the following is sitting immediately next to one of the vacant seats ?

- (a) Iron Man
- (b) Nebula
- (c) Captain America
- (d) All of the above

20. Select the pair which sits in front of vacant seats :

- (a) Doctor Strange— Captain America
- (b) Black Panther—Spider Man
- (c) Spider Man—Doctor Strange
- (d) Doctor Strange—Thor

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21. Who sits immediately next to Captain America ?

- (a) Thanos
- (b) Iron Man
- (c) Thor
- (d) Black Panther

22. Which of the following pair/pairs sits/sit opposite each other ?

- (a) Iron Man–Ant Man, Thor–Nebula
- (b) Thanos–Doctor Strange, Spider Man–Hulk
- (c) Spider Man–Hulk
- (d) Thor–Black Panther, Thanos–Nebula

**Directions (Q. Nos. 23-25) :** Study the following information carefully and answer the questions given beside :

4 different eating joints Rakims, Kawala Inn, Chaldiram and Minaz are located at 4 different places Pantheon Road, Najafgarh, Bada Bazaar and Rasoipur in Delhi city. Each one specializes in exactly 2 items out of South Indian Platter, Chicken Biryani, Kebabs and Sweets. Further conditions are as follows :

- (i) No 2 eating joints specialize in the same 2 items.

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(ii) The outlet in Najafgarh specialises in Kebabs and Sweets.

(iii) Rakims is located at Pantheon Road.

(iv) Kawala Inn has exactly 1 item common with both Rakim and the outlet at Najafgarh.

(v) Of the 2 outlets where Chicken Birayani is famous, one is definitely at Bada Bazaar. Similarly, of the 2 outlets where South Indian Platter is famous, one is definitely at Rasoipur.

(vi) Of all the possible combinations of each item with every other item, Kebab only forms a combination with Sweets.

(vii) Minaz is not famous for Sweets.

23. What are the 2 items that Minaz is famous for ?

- (a) Kebabs, Chicken Birayani
- (b) South Indian Platter, Chicken Birayani
- (c) South Indian Platter, Sweets
- (d) Chicken Birayani, Sweets

24. If Kawala Inn is located at Rasoipur, the 2 outlet famous for Chicken Birayani are :

- (a) Rakims, Minaz
- (b) Minaz, Kawala Inn
- (c) Kawala Inn, Chaldiram
- (d) Chatdiram, Rakims

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25. Where is Minaz located in Delhi ?

- (a) Pantheon Road
- (b) Bada Baazar
- (c) Rasoipur
- (d) Cannot be determined

**Direction (Q. Nos. 26-30) :** Choose the correct option from the choices given below :

26. The root word 'loqu' means :

- (a) Talk
- (b) Sleep
- (c) Mob
- (d) Run

27. The root word 'somnia' means :

- (a) Kill
- (b) Believe
- (c) Sleep
- (d) Dislike

28. The root word 'ambul' means :

- (a) Walk
- (b) Talk
- (c) Give
- (d) Without

29. The root word 'anthro' means :

- (a) Man
- (b) Star
- (c) Astronomy
- (d) Language

30. The root word 'aud' means :

- (a) To hear
- (b) Motion
- (c) Measure
- (d) To break

**Direction (Q. Nos. 31-35) :** Write the synonyms of the following underlined words given in the statement :

31. Even though Mr. Mathews has millions of dollars, he is not munificent and hates to give away any of his money.

- (a) generous
- (b) somnambulist
- (c) acerbic
- (d) miserly



32. This caused such a ruckus all over Japan that they had to change their mind.
- (a) contentedness
  - (b) composure
  - (c) confusion
  - (d) None of the above
33. The priest pronounced a benediction over the couple at the end of the marriage ceremony.
- (a) benison
  - (b) malediction
  - (c) exaggeration
  - (d) superannuate
34. In spite of his best efforts the officer could not redeem his prestige.
- (a) recover
  - (b) raise
  - (c) extend
  - (d) fulfil
35. There is abundant supply of water for the crops.
- (a) considerable
  - (b) plentiful
  - (c) adequate
  - (d) sufficient

Direction (Q. Nos. 36-40) : Choose the correct option from the choices given below, which matches with the definition :

36. Who lives a lonely, austere life ?
- (a) Ascetic
  - (b) Egoist
  - (c) Altruist
  - (d) Quixotic
37. Who is more interested in the welfare of others than his own ?
- (a) Altruist
  - (b) Blindfolded
  - (c) Head strong
  - (d) Boaster
38. A thing no longer in use :
- (a) Redundant
  - (b) Obsolete
  - (c) Sick
  - (d) Obnoxious
39. One who hates mankind :
- (a) Misanthrope
  - (b) Misogynist
  - (c) Misogamist
  - (d) Misology

40. One who believes in God :

- (a) Theist
- (b) Atheist
- (c) Agnostic
- (d) None of the above

Directions (Q. Nos. 41-45) : Pick the odd one out :

- 41. (a) Boorish
- (b) Churlish
- (c) Ill-mannered
- (d) Polite
- 42. (a) Cultured
- (b) Polished
- (c) Civilized
- (d) Ignorant
- 43. (a) Pious
- (b) Religious
- (c) God fearing
- (d) Impious
- 44. (a) Sprightly
- (b) Jaunty
- (c) Vivacious
- (d) None of the above

45. (a) Subside

- (b) Lessen
- (c) Abate
- (d) Intensify

Directions (Q. Nos. 46-50) : In each question, a sentence is given with an idiom (underlined). Four possible meanings of the idiom are also given. Identify the correct meaning and mark the number of the correct choice as answer :

- 46. After getting a job had no difficulty in keeping the wolf out of the door.
  - (a) being physically safe
  - (b) getting the door clear
  - (c) avoiding starvation
  - (d) keeping the job intact
- 47. I must brush up on American history.
  - (a) to learn
  - (b) to postpone
  - (c) to realize
  - (d) to refresh one's knowledge

48. The maid is worn out at the end of the day.

- (a) very happy
- (b) depressed
- (c) unpleasant nature
- (d) very tired

49. The rank and file in the medical department were surprised by the sudden visit of the health minister.

- (a) The ignorant
- (b) The experts
- (c) Ordinary people without any special position in an organization
- (d) The departmental heads

50. My parents raised hell when I told them that I had decided to discontinue my studies.

- (a) protested angrily
- (b) shouted loudly
- (c) created panic
- (d) underwent trauma