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Roll No. 2061629

XCS-300(A)

**B. TECH. (THIRD SEMESTER)
MID SEMESTER EXAMINATION, 2018**

(All Branches)

CAREER SKILLS

Time : 1:30 Hours

Maximum Marks : 50

Note :(i) Answer all questions. Each question carries 1 mark.

(ii) Use of calculator is not allowed.

Directions for (Q. Nos. 1 to 3) :

Indian Olympics Committee (IOC) is organising selection for upcoming Olympics games. They are selecting sportsmen and sportswomen to represent India for 7 games—Athletics, Football, Hockey, Wrestling, Swimming, Tennis and Boxing. Selection for each of them will be held for 1 week in a particular city. So, selection process for these 7 games will be conducted for 7 weeks in 7 different cities. For each week the selection for a particular game will be scheduled in a particular

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city. The 7 cities in which the selections will be held are Mysore, Patna, Dispur, Hisar, Itanagar, Bangalore and Chandigarh.

Further it is known that :

- (1) Selections for Swimming will be held in Hisar on week 5.
- (2) Selections for only one game will be held between selections for Football and Swimming.
- (3) Selections for Tennis will be held right after selections for Hockey and right before selections for Boxing.
- (4) Selections for Tennis will not be held in Itanagar.
- (5) Selections scheduled on week 1 will be held in Dispur.
- (6) Selections for only one game is scheduled between selections for Boxing and selections which will be held in Mysore.
- (7) Selections in Patna is scheduled immediately before selections in Itanagar.
- (8) Selections for Wrestling will not be held in 1st week.
- (9) Selections in Chandigarh will not be held after selections in Mysore.

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1. If Dispur is related to Patna in a way and it is also known that Boxing is related in same way to Wrestling, then to which of the following the Itanagar is related in same way ?
 - (a) Bangalore
 - (b) Chandigarh
 - (c) Mysore
 - (d) Dispur
2. In which to the following cities the selections for Boxing will be held ?
 - (a) Chandigarh
 - (b) Mysore
 - (c) Dispur
 - (d) Itanagar
3. The selections for how many games are scheduled between selections for Tennis and Wrestling ?
 - (a) None
 - (b) 1
 - (c) 2
 - (d) more than 2
4. Sahil's mother is the only daughter of Aruna's father. How is Aruna's husband related to Sahil ?
 - (a) Uncle
 - (b) Father
 - (c) Husband
 - (d) Brother

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5. Sonu goes to see a film and finds a man who is his relative. The man is the husband of the sister of his mother. How is the man related to the Sonu ?
- (a) Brother
(b) Nephew
(c) Uncle
(d) Father
6. Raja told Siya, "Though I am the son of your father, you are not my brother." How is Raja related to Siya ?
- (a) Sister
(b) Son
(c) Daughter
(d) Brother

Directions for (Q. Nos. 7 to 9) :

A, Z, B, Y, C, X, D and W are 4 married couples seated around a circular table for lunch. Each one of them is facing the center of the table.

Further it is known that :

- (1) All the 4 females are housewives.
(2) The males are Engineer, Manager, Architect and Professor.
(3) Y is the manager and W is the Professor. Both of them are adjacent to each other.

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- (4) The immediate neighbours of the 2 males other than W and Y are only females.
- (5) All 4 couples are seated adjacent to each other (so each pair of husband and wife is seated adjacent to each other).
- (6) D is the wife of Engineer and she is 2nd to the right of W.
- (7) X is seated between D and W.
- (8) Z's husband is the Architect.
- (9) B is not the Engineer and C is the male.
7. What is the position of Z with respect to X ?
- (a) 2nd to the right
(b) 2nd to the left
(c) Immediate right
(d) Immediate left
8. Who is opposite to the wife of the manager ?
- (a) A
(b) B
(c) C
(d) D
9. Which of the following is definitely false ?
- (a) C is the husband of Z
(b) B is the husband of X
(c) A is the wife of Y
(d) A and C are immediate neighbours of each other

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Directions for (Q. Nos. 10 to 12):

M, N, O, P, Q, R, S and T are 8 management trainees for Laxmi Bank. There are 3 females in this group. After completion of training they are now given their 1st posting in 3 different branches of 3 different cities. In a particular branch the joining is given for a particular department only. So, there is no branch in which joining will be given in more than 1 department. The cities in which they got joining are Gangtok, Agartala and Shillong. The departments in which joining is given are Credit, Investment and Marketing.

Further it is known that :

- (1) In each branch the joining is given to 1 female.
- (2) O is not given joining with N and S.
- (3) Q is a male and he didn't get joining in Agartala branch.
- (4) M is joining Shillong branch's Marketing department.
- (5) P is M's sister and she will join Credit department.
- (6) R and O got joining in the same city.
- (7) S didn't get joining in Agartala branch.
- (8) Only T get the joining in the same branch as Q.

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10. Who is joining the same branch with S ?

- (a) only M
- (b) only N
- (c) Both M and N
- (d) None of these

11. Which group among the following got joining in marketing department ?

- (a) M, O and P
- (b) M, N and S
- (c) M, P and S
- (d) None of these

12. Which department is being joined by 4 people ?

- (a) Marketing
- (b) Credit
- (c) Investment
- (d) None of these

Directions for (Q. No. 13) : Read the following information to answer these questions :

- (1) $A \times B$ means A is the brother of B.
- (2) $A + B$ means A is the mother of B.
- (3) $A \div B$ means A is the son of B.
- (4) $A - B$ means A is the husband of B.

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13. Which of the following would mean M is the father of N ?

- (a) $M \div N + O$
- (b) $M \times O - N$
- (c) $M + O \div N$
- (d) $M - O + N$

Directions for (Q. Nos. 14 to 17) :

The Galaxy Premier League 2018 for football was held recently. The performance of players was evaluated on the basis of various parameters such as—Number of goals scored for their team, number of goals assisted, number of goals saved (while defending), number of successful passes etc. The top 5 performers were Ivan, Mbappe, Kane, Neymar and Modric (not in any order). They were representing 4 teams Arsenor, D.C. Milan, Unreal Madrid and Marcelona in a way that each team had at least 1 player in the top 5 positions. The number of goals scored by these 5 players in the event was 5, 7, 11, 12 and 14 (not in any order).

Further conditions are as under :

- (1) Ivan scored 5 goals in the tournament and he was declared the 5th best performer of the Galaxy Premier League 2018.

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- (2) Marcelona had 2 players in the top 5 performers and it is also known that both of them were among the top 3 performers of the Galaxy Premier League 2018.
 - (3) The player who scored 12 goals was declared the 4th best performer of the tournament.
 - (4) The number of goals scored by one of the player of Marcelona (in top 5 performers) was greater than the number of goals scored by Modric while the number of goals scored by the other player of Marcelona (among top 5 performers) was lower than the number of goals scored by Modric.
 - (6) Mbappe is not from Arsenor and it is known that he was declared either best or 5th best player of the tournament.
 - (7) Kane represents DC Milan and was declared the 3rd best performer of the Galaxy Premier League 2018.
14. Which player is representing Arsenor (in top 5 performers) ?
- (a) Ivan
 - (b) Modric
 - (c) Kane
 - (d) Cannot be determined

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15. Which player scored 5 goals in the Galaxy Premier League 2018 ?

- (a) Neymar
- (b) Ivan
- (c) Kane
- (d) Modric

16. The player who scored 12 goals is playing for which team ?

- (a) Arsenal
- (b) Barcelona
- (c) D.C. Milan
- (d) Cannot be determined

17. If Neymar scored 11 goals in the tournament, then how many goals were scored by Mbappe ?

- (a) 14
- (b) 7
- (c) 12
- (d) 5

18. Lalit introduces Amit saying, "He is the husband of the granddaughter of the father of my father." How is Amit related to Lalit ?

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

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Directions for (Question Nos. 19 to 22) :

For the upcoming IPL season, the team Delhi Daredevils has included 7 new batsmen M, N, O, P, Q, R and S such that none of them is a wicket-keeper. They want to give chance to each of them in preliminary 3 matches and selection for further matches will depend on their performance and circumstances in their respective debut matches. But the selection of these 7 batsmen for these 3 preliminary matches depends of their bowling and fielding abilities. R and S are good fielders but none of them can be used as a bowler. N and O are both good fielders and they can be used for bowling too. M, P and Q are capable of bowling, but they are not good in fielding.

The specific conditions for these 3 matches were as :

1st Match :

- (1) At least 2 new batsmen must be given chance.
- (2) At least one of the new batsman must be a good fielder.
- (3) At least one of the new batsman must be a capable of bowling.

2nd Match :

- (1) No more than 2 new batsmen can be given chance.
- (2) At least 1 new batsman must be a good fielder.

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3rd Match :

- (1) There will be exactly 3 new batsmen to be included in this match.
 - (2) At least 1 of the new batsman must be capable of bowling.
19. Which one of the following is a feasible assignment of new batsman for their IPL debut matches ?
- (a) R & S for 1st Match, M & N for the 2nd Match.
 - (b) Q & S for 2nd Match, N & O for the 3rd Match.
 - (c) M & S for 1st Match, O & Q for the 2nd Match.
 - (d) R & S for 1st Match, N & O for the 3rd Match.
20. In addition, assume that R & S cannot be given chance in same match as they are not in good terms with each other. Further P & R are having similar batting style and so they must not be given chance in same match. Which of the following arrangement is feasible ?
- (a) P & S for 1st Match, O & Q for the 2nd Match
 - (b) Q & S for 2nd Match, N & O for the 3rd Match
 - (c) M & S for 1st Match, O & Q for the 2nd Match
 - (d) R & S for 1st Match, N & O for the 3rd Match

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21. Assume that the initial plans by Delhi Daredevils team management was to keep O & S in 1st Match; M, N & P were supposed to make debut in 3rd Match. Suddenly due to a senior player taking off for 2nd Match and returning for 3rd Match (who was earlier supposed to take rest for 3rd Match after playing in 2nd Match) it was decided that 3 new batsmen will make their debut in 2nd Match and only 2 new batsmen will make their debut in 3rd Match. Further, at least 2 debutant batsmen must be good fielders and both must be capable of bowling too (as the senior player taking rest for 2nd Match is one of the best all-rounder in addition of being extremely good fielder). In addition it was also decided that the debutant batsmen for 1st Match need to be good fielders (they won't be used for bowling so whether they can be used for bowling or not is not important) and debutant batsmen for 3rd Match must be capable of bowling (if they are good fielders fine, even if they are not it will work). Which of the following action will give a feasible arrangement ?

- (a) Move N to 1st Match & S to 2nd Match
- (b) Move S to 3rd Match
- (c) Move R to 1st Match & P to 2nd Match
- (d) Move R to 1st Match & N and O to 2nd Match

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22. Suppose the player P was injured during net practice. Now the team management decided that the 6 fit new batsmen will make their debut in 3 matches strictly as per the additional skill requirement (regarding fielding and bowling capabilities). Which of the following is a feasible arrangement ?

- (a) S for the 2nd Match; M, N & Q for 3rd Match
- (b) R & S for the 1st Match; M, O & Q for 3rd Match
- (c) N & O for the 1st Match; M, R & S for 3rd Match
- (d) All of the above

Directions for (Q. Nos. 23 to 25) :

Study the information below to answer these questions.

Meeta, Rajindra and Harvinder are children of Mr. and Mrs. Aggarwal.

Renu, Raja, Anil are children of Mrs. and Mr. Malhotra.

Anil and Meeta are a married couple and Ashok and Manjay are their children.

Reeta and Raka are children of Mr. and Mrs. Gupta.

Reeta is married to Surinder and has three children named Rita, Sonu and Raju.

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23. How is Rajindra related to Ashok ?

- (a) Father-in-law
- (b) Brother-in-law
- (c) Cousin
- (d) Maternal Uncle

24. What is Manjay's surname ?

- (a) Gupta
- (b) Malhotra
- (c) Aggarwal
- (d) Harvinder

25. Renu is Manjay's :

- (a) Sister-in-law
- (b) Aunt
- (c) Cousin
- (d) Sister

Directions for (Q. Nos. 26 to 30) :

Choose the correct meaning of proverb/idiom :

26. To smell a rat :

- (a) To see signs of plague epidemic
- (b) To get bad smell of a bad dead rat
- (c) To suspect foul dealings
- (d) To be in a bad mood

27. To hit the nail right on the head :

- (a) To do the right thing
- (b) To destroy one's reputation
- (c) To announce one's fixed views
- (d) To teach someone a lesson

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28. To set one's face against :

- (a) To oppose with determination
- (b) To judge by appearance
- (c) To get out of difficulty
- (d) To look at one steadily

29. To leave someone in the lurch :

- (a) To come to compromise with someone
- (b) Constant source of annoyance to someone
- (c) To put someone at ease
- (d) To desert someone in his difficulties

30. A man of straw :

- (a) A man of no substance
- (b) A very active person
- (c) A worthy fellow
- (d) An unreasonable person

Directions for (Q. Nos. 31 to 35) :

In the following questions choose the word which best expresses the meanings of the given words :

31. SHALLOW

- (a) Artificial
- (b) Superficial
- (c) Foolish
- (d) Worthless

32. DIVERSION

- (a) Amusement
- (b) Distortion
- (c) Deviation
- (d) Bylane

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33. INSOLVENT

- (a) Poor
- (b) Bankrupt
- (c) Penniless
- (d) Miser

34. RECKLESS

- (a) Courageous
- (b) Rash
- (c) Bold
- (d) Daring

35. CONSEQUENCES

- (a) Results
- (b) Conclusions
- (c) Difficulties
- (d) Applications

Directions for (Q. Nos. 36 to 40) :

In the following questions choose the word which is the exact OPPOSITE of the given words :

36. FRAUDULENT

- (a) Candid
- (b) Direct
- (c) Forthright
- (d) Genuine

37. FLAGITIOUS

- (a) Innocent
- (b) Vapid
- (c) Ignorant
- (d) Frivolous

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38. BELITTLE

- (a) Criticize
- (b) Flatter
- (c) Exaggerate
- (d) Adore

39. STARTLED

- (a) Amused
- (b) Relaxed
- (c) Endless
- (d) Astonished

40. BUSY

- (a) Occupied
- (b) Engrossed
- (c) Relaxed
- (d) Engaged

Directions for (Q. Nos. 41 to 46) :

In questions given below out of four alternatives, choose the one which can be substituted for the given word/sentence :

41. Extreme old age when a man behaves like a fool :

- (a) Imbecility
- (b) Senility
- (c) Dotage
- (d) Superannuation

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42. That which cannot be corrected :

- (a) Unintelligible
- (b) Indelible
- (c) Illegible
- (d) Incurable

43. The study of ancient societies :

- (a) Anthropology
- (b) Archaeology
- (c) History
- (d) Ethnology

44. A person of good understanding knowledge and reasoning power :

- (a) Expert
- (b) Intellectual
- (c) Snob
- (d) Literate

45. State in which the few govern the many :

- (a) Monarchy
- (b) Oligarchy
- (c) Plutocracy
- (d) Autocracy

46. One who possesses many talents ?

- (a) Versatile
- (b) Nubile
- (c) Exceptional
- (d) Gifted

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47. What is the prefix in the word disassociate ?
- (a) ate
 - (b) dis
 - (c) sociate
 - (d) as
48. The meaning of the root/prefix ami- in the word amicus is :
- (a) Light
 - (b) Friendly
 - (c) Free
 - (d) Kill
49. The meaning of the root/prefix ambi- in the word ambivalence is :
- (a) Towards
 - (b) Away
 - (c) Both
 - (d) Love
50. The meaning of the root/prefix bene-in the word benevolent is :
- (a) Self
 - (b) Good
 - (c) About
 - (d) Evil