98. If Jagriti is the part of the team, then who among the following will definitely not be a part of the team ?

   (a) Arjun

   (b) Nisha

   (c) Priyanka

   (d) Vaibhav

99. If Priyanka and Nisha are a part of a team of 4, then who will definitely be a part of the team ?

   (a) Jatin

   (b) Vaibhav

   (c) Arjun

   (d) Cannot be determined

100. If Kirti is selected, then how many combinations are possible when the strength of the team is 4 ?

   (a) 6

   (b) 5

   (c) 7

   (d) 8

430

H   Roll No. ....

BBA–306(B)

B. B. A. (THIRD SEMESTER)
END SEMESTER
EXAMINATION, Jan., 2023
CAREER SKILLS
SET–B
Time : Three Hours
Maximum Marks : 100

Note : (i) This question paper has 100 questions. Attempt all questions. Each question carries equal marks.

    (ii) It is compulsory to write the SET on the OMR.

    (iii) Use of a Calculator is not allowed.

Directions (1-6) : Find the wrong number in the series :

1. 49, 56, 70, 90, 119, 154

   (a) 56

   (b) 90

   (c) 119

   (d) 49

P. T. O.

2. 5.5, 10, 18, 33, 74, 119, 232

   (a) 232

   (b) 10

   (c) 74

   (d) 119

3. 49, 25, 24, 38, 73, 185

   (a) 73

   (b) 24

   (c) 25

   (d) 38

4. 208, 104, 104, 156, 310, 780, 2340

   (a) 104

   (b) 310

   (c) 208

   (d) 156

5. 4, 6, 15, 56, 280, 1644

   (a) 280

   (b) 1644

   (c) 56

   (d) 15

6. 9, 10, 19, 58, 231, 1166, 6935

   (a) 9

   (b) 1166

   (c) 58

   (d) 231

Directions (7-9) : Study the following information carefully and answer the questions given below :

In the upcoming placement examination of B. Tech. of Batch 2024, a student must select exactly 5 subjects. The subjects have been divided into 2 groups containing 5 subjects each and the student must select minimum 2 subjects from each group.

Group 1 : C Language, DBMS, Data Structures, Professional Communication and JAVA

Group 2 : Compiler, Networking, Career Skills, DAA and .Net

Further conditions are as follows :

(i) C Language and DAA cannot be chosen together.

(ii) If Data Structure is chosen, Networking should be definitely chosen.

(iii) If 3 subjects are chosen from Group 1, JAVA should be definitely chosen.

(iv) If DBMS is chosen, C Language should be definitely chosen.

(v) At least 1 subject from Compiler and Professional Communication must be chosen.

7. Which of the following combinations is not possible ?

   (a) C Language, Data Structure, Sociology, Psychology, Accounts

   (b) DBMS, Data Structure, DAA, .Net, Professional Communication

   (c) Professional Communication, Data Structure, Networking, JAVA, Compiler

   (d) Compiler, Career Skills, .Net, C Language, JAVA

8. If C Language is chosen while Professional Communication and Networking are not chosen, then how many combinations are possible ?

   (a) 4

   (b) 3

   (c) 2

   (d) 1

9. If C Language and Professional Communication are the only subjects chosen from Group 1, then which among the following is definitely selected ?

   (a) Networking

   (b) DAA

   (c) .Net

   (d) Cannot be determined

Directions (10-12) : In each of the questions below are given few statements are given followed by few conclusions. You must take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

10. **Statements :**

   1. Some Photos are Portrait.

   2. All Films are Negatives.

   3. All Portrait are Cameras.

   4. No Cameras are Films.

Conclusions :

(1) Some Cameras are Photos.

(2) Some Films are Portrait.

(3) No Cameras are Negatives.

(4) No Photos are Films.

(a) If only 1 follows

(b) If only 1 and 3 follow

(c) If only 1 and 4 follow

(d) If only 2 follows

11. **Statements :**

1. Some Fish are Goat.

2. All Fish are Whales.

3. All Whales are Deer.

4. No Dogs are Whales.

Conclusions :

(1) Some Trucks are Goat.

(2) No Fish are Trains.

(3) No Dogs are Goat.

(4) Some Dogs are not Deer.

(a) If only 1 follows

(b) If only 1 and 2 follow

(c) If only 1, 2 and 3 follow

(d) If all follow

12. **Statements :**

1. Some Pizzas are Shakes.

2. All Pizzas are Dosa.

3. All Shakes are Chairs.

4. Some Pasta are Noodles.

Conclusions :

(1) Some Papers are Dosa.

(2) No Pasta are Shakes.

(3) No Dosa are not Noodles.

(4) Some Dosa are not Pasta.

(a) If only 1 and 2 follow

(b) If only 3 and 4 follow

(c) None follow

(d) None of these

Directions (13-17) : Answer the questions based on the information given below :

Six contestants of BB namely, Jyotsana, Nidhi, Smriti, Naveen, Shatakshi and Saurabh belong to different places among A, B, C, D, E and F. Each of them participates in a task and points among 2,

3, 5, 7, 8 and 9 are given to them as per their performance.

(**Note :** Good performer gets higher points.)

Jyotsana belongs to B and has lesser points than Shatakshi. Smirit has a prime number points, which are two more than that of Saurabh. Person from E doesn't perform better than Saurabh. Shatakshi has less than 7 points. Nidhi has fewer points than Naveen, who is from F. Nidhi is neither from A nor C.

13. Who is from A ?

    (a) Shatakshi

    (b) Saurabh

    (c) Smriti

    (d) Cannot be determined

14. Nidhi has .... points more than Saurabh.

    (a) 2

    (b) 3

    (c) 1

    (d) 4

15. If the person from C has lesser points than A, what is the sum of points of the person from A and Naveen ?

    (a) 16

    (b) 15

    (c) 14

    (d) 13

16. Difference of the points of the persons from D and B is ....

    (a) 6

    (b) 4

    (c) 3

    (d) 5

17. Who among the following has more than 5 points ?

    I.   Naveen

    II. Smriti

    III. Nidhi

    (a) Both I and II

    (b) Both II and III

    (c) Both I and III

    (d) All I, II and III

Directions **(18-21)** **:** Study the following information carefully and answer the questions given below :

In a family of three generations there are six members M, N, O, P, Q and R. All of them are from different professions.

Q is the son of a Teacher.

The Architect is married to a Manager.

O is an Engineer, and his daughter is a Doctor.

P is the wife of an Engineer.

M is not O's father, and O's mother is R.

M's grandfather is a Manager.

One of them is a student, who is not R.

18. Which of the following represents a couple ?

    (a) RP

    (b) MN

    (c) OP

    (d) MQ

19. What is the profession of P's daughter ?

    (a) Doctor

    (b) Student

    (c) Engineer

    (d) Manager

20. How is the Engineer related to the student ?

    (a) Son

    (b) Daughter

    (c) Father

    (d) Brother

21. Who is teacher's father-in-law ?

    (a) M

    (b) N

    (c) O

    (d) None of these

22. Anand's father, pointing towards a person, said, "She is the sister of my mother's only sibling." How is the person related to Anand ?

    (a) Mother

    (b) Aunt

    (c) Sister

    (d) Grandmother

P. T. O.

23. X is the brother of W. Z is the husband of Y. Y is the mother of X. V is the wife of W. How is Y related to V ?

(a) Mother

(b) Father

(c) Mother-in-law

(d) Father-in-law

Directions (24-25) : Answer the questions based on the information given below :

Point B is 7 m south of point A. Point C is 4 m north of point D. Point C is 5 m east of point B. Point G is 10 m south of point F. Point J is 8 m east of point I. Point H is 12 m north of point I. Point E is 4 m west of point F.

24. If point H is 8 m west of point D, which is 5 m west of point E. What is the distance between point J and point E ?

(a) $12 \sqrt{2}$ m

(b) 14 m

(c) $13 \sqrt{3}$ m

(d) 13 m

25. If point E is 10 m north of point J and point A is 9 m west of point I, what is the distance between C and G ?

(a) $\sqrt{315}$ m

(b) $17 \sqrt{2}$ m

(c) $17 \sqrt{3}$ m

(d) $\sqrt{305}$ m

Directions (26-29) : Answer the questions based on the information given below :

Big B, the political wizard, was selecting his team for the forthcoming elections. His team was to have two speechwriters, two spokesman and two media coordinators. The available speechwriters for selection were A, B, C and D. Similarly, the available spokesmen were E, F and G and the available media coordinators were H, I, J, K. Further conditions are as follows :

If A is selected, neither F nor J can be selected.

If C is selected, then J is definitely selected.

H and K will always be selected together.

I and K will never be selected together.

26. Which two people cannot be the part of the same team ?

(a) I and J

(b) A and D

(c) B and D

(d) A and C

27. If A is selected, in how many ways can the team be selected ?

(a) 2

(b) 1

(c) 3

(d) 4

28. What could be the maximum strength of a team so formed ?

(a) 4

(b) 6

(c) 5

(d) 7

29. If C is selected, who among the following will definitely not get selected ?

(a) B

(b) K

(c) E

(d) J

30. Three cities A, B and C are on a straight line with the distance between A and B being 25 km and that between B and C being 40 km. What is the distance between A and C ?

(a) 15 km

(b) 65 km

(c) 30 km

(d) Cannot be determined

Directions (31-36) : Find the missing number in the series :

31. 5, 9, 18, 34, ?

(a) 62

(b) 41

(c) 56

(d) 59

32. 24, 72, 144, 432, 864, ?

　　(a) 2492

　　(b) 2592

　　(c) 2456

　　(d) 2582

33. 226, 450, 898, 1794, ?

　　(a) 3584

　　(b) 3586

　　(c) 3496

　　(d) 3583

34. 19, 20, 42, 129, ?

　　(a) 512

　　(b) 520

　　(c) 576

　　(d) 484

35. 17, 18, 26, 53, 117, ?

　　(a) 251

　　(b) 351

　　(c) 242

　　(d) 234

36. 28, 14, 14, 21, ?

　　(a) 34

　　(b) 35

　　(c) 42

　　(d) 49

37. In a certain code language, if sun means moon, moon means earth, earth means sky, sky means sea, then on which of the following do we live according to that language ?

　　(a) Sun

　　(b) Moon

　　(c) Earth

　　(d) Sea

38. In a code language if MAIN is coded as LNZBHJMO, then the word TYPE will be coded as :

　　(a) SUXZOQFD

　　(b) SUXZQOFD

　　(c) SUXZOQDF

　　(d) SUXZQODE

Directions (39-42) : In each of the questions below are given few statements are given followed by few conclusions. You must take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

39. **Statements :**

   (1) No Milk cake is a Rasmalai.

   (2) Some Rasmalai are Burfi.

   (3) All Milk cake are Jalebi.

   Conclusions :

   I.   No Milk cake is a Burfi.

   II. Some Burfi are Milk cake.

   III. Some Jalebi which are not Milk cake being Rasmalai is a possibility.

   (a) Only III follows

   (b) Either I or II follows

   (c) Only I and III follows

   (d) Only III and either I or II follows

40. **Statements :**

   (1) No Red is Green.

   (2) Some Green are Yellow.

   (3) All Green are Blue.

   Conclusions :

   I.   At least some Blue are Yellow.

   II. No Yellow is Blue.

   III. Some Red being Yellow is a possibility.

   (a) Either I or II follows

   (b) Only I follows

   (c) Only I and III follow

   (d) Only III follows

41. **Statements :**

   (1) Some Sony LIV are Netflix.

   (2) All Sony LIV are Amazon Prime.

   (3) No Amazon Prime is Hot Star.

   Conclusions :

   I.   No Hot Star is Sony LIV.

   II. Some Hot Star are Netflix.

   III. Some Netflix which are Sony LIV being Hot Star is a possibility.

   IV. Some Amazon Prime are Netflix.

(a) Only I and III follow

(b) Only II and III follow

(c) Only I and IV follow

(d) Only II and IV follow

42. **Statements :**

(1) No Dates are Months.

(2) All Months are Years.

(3) No Years are Weeks.

Conclusions :

I. All Years being Dates is a possibility.

II. Some Dates are Weeks.

(a) Only I follows

(b) Both I and II follow

(c) Only II follows

(d) Neither I nor II follows

Directions (43-45) : A cube of side 3 cms is taken and is painted Red on all its faces. It is now cut into equal sized cubes of side 1 cm.

43. How many of the cubes will not have any face painted ?

(a) 6

(b) 3

(c) 9

(d) 12

44. How many of the cubes will have at least 2 of its sides painted ?

(a) 12

(b) 15

(c) 20

(d) None of these

45. Find the ratio of the number of cubes with exactly 3 sides painted to those with exactly 2 sides painted :

(a) 2 : 3

(b) 3 : 4

(c) 3 : 2

(d) 4 : 3

Directions (46-47) : Study the following information carefully and answer the questions given below :

P # Q means P is the father of Q.

P $ Q means P is the son of Q.

P % Q means Q is the wife of P.

P & Q means P is the sister of Q.

P @ Q means Q is the mother of P.

46. Which of the following means C is the granddaughter of E ?

    (a) A $ C & B % D @ E

    (b) C @ D & A $ E % B

    (c) B $ E & D # A & C

    (d) C & B $ D % A @ E

47. Which of the following means that H and R are sister-in-law ?

    (a) H & B $ M # L % R

    (b) B $ R % U & K @ R

    (c) R & E % M # K @ H

    (d) M % R & N # H & G

Directions (48-49) : Study the following information carefully and answer the questions given below :

E ? F means F is the father of E.

E # F means E is the mother of F.

E % F means E is the sister of F.

E & F means E is the uncle of F.

48. What does the relation P & Q % R # S ? T mean ?

    (a) S is the grandson of P.

    (b) S is the nephew of Q.

    (c) Q is the sister-in-law of T.

    (d) P is the grandfather of S.

49. How will we show the relation R is the daughter of Q ?

    (a) S % P # R ? Q

    (b) Q % P # R ? S

    (c) Q # R % S ? P

    (d) S # R % P ? Q

50. How is my husband's mother's daughter's son related to my son's maternal grandfather's only son-in-law ?

    (a) Son

    (b) Brother

    (c) Uncle

    (d) Nephew

Directions (51-52) : Answer the questions based on the information given below :

In a certain code of language :

"Buy new analog watch" is coded as," kl dm cm ek"

"New watch coming soon" is coded as, "kl dm hk bk"

"Fastrack watch analog screen" is coded as "dm cl ek pl"

"Fastrack coming with screen" is coded as "cl pl hk nk"

51. What is the code for the word "Analog" ?

    (a) ek

    (b) cm

    (c) hk

    (d) nk

52. What is the code of "New Fastrack screen" ?

    (a) kl nk pl

    (b) dm cl ek

    (c) kl cl pl

    (d) kl dm hk

53. What is the code for the word "soon" ?

    (a) hk

    (b) bk

    (c) nk

    (d) cm

54. If FRIEND is coded as HUMJTK, then how will be CANDLE written in this code ?

    (a) EDRIRL

    (b) DCQHQK

    (c) ESJFME

    (d) DEQJQM

55. In a certain code language COMPUTER is written as RFUVQNPC. How will MEDICINE be written in that code language ?

    (a) MFEDJJOE

    (b) EOJDEJFM

    (c) MFEJDJOE

    (d) EOJDJEFM

56. At 3 : 30 PM, the minute hand of a clock points towards East. Towards which direction the hour hand will point at 9 : 00 PM ?

    (a) East

    (b) South-west

    (c) North

    (d) South

P. T. O.

Directions (57-58) : Answer the questions based on the information given below :

From point S, Tarun starts his journey towards east direction, After walking 12 m he reached point D then he takes a right turn and walks 6 m to reach point F. From point F, he takes a right turn and walks 4 m to reach point N. From point N, he takes left turn and walks 9 m to reach point M.

57. What is the shortest distance between point S and point N ?

    (a) 10 m

    (b) 12 m

    (c) 14 m

    (d) 15 m

58. What is the direction of point D with respect to point M ?

    (a) North-west

    (b) North-east

    (c) South-west

    (d) South-east

Directions (59-61) : Answer the questions based on the information given below :

There are five persons P, Q, R, S and T in the family of three generations. No single parent has a child. Each of them has a different profession among Doctor, Engineer, Nurse, Director and Writer.

Director's father-in-law's only daughter is S. A nurse is the mother of a writer. Q is an engineer. R is married to a nurse. T is unmarried.

59. Who among the following is a director ?

    (a) P

    (b) R

    (c) S

    (d) T

60. Who among the following is a nurse ?

    (a) R

    (b) T

    (c) P

    (d) S

61. Who among the following is the father of S ?

    (a) P

    (b) Q

    (c) R

    (d) Cannot be determined

P. T. O.

62. Pointing to a man on the stage, Shatakshi said, "He is the brother of the daughter of the wife of my husband." How is the man on the stage related to Shatakshi ?

   (a) Son

   (b) Husband

   (c) Cousin

   (d) Nephew

Directions (63-67) : In each of the questions below are given few statements are given followed by few conclusions. You must take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

63. **Statements :**

   (1) All Bats are Balls.

   (2) Some Pads are Gloves.

   (3) No Balls are Pads.

   (4) All Gloves are Wickets.

Conclusions :

I.   No Pads are Bats.

II.   No Bats are Gloves.

III.   Some Bats being Wickets is a possibility.

IV.   All Balls being Gloves is a possibility.

   (a) If only 1 follows

   (b) If only 1 and 3 follow

   (c) If only 1, 3 and 4 follow

   (d) None of these

64. **Statements :**

   (1) Some I-phones are one Plus.

   (2) Some one Plus are Samsung.

   (3) All Samsung are Redmi.

   (4) All Redmi are Vivo.

Conclusions :

I.   Some Samsung not being Vivo is a possibility.

II.   Some Redmi, which are not Samsung, are one Plus.

III.   All I-phone being Vivo is a possibility.

IV.   Some Vivo, which are not Redmi, being one Plus is a possibility.

   (a) If only 2 follows

   (b) If only 4 follows

   (c) None follows

   (d) None of these

65. Statements :

(1) Some Honda are Maruti.

(2) All Maruti are not Hyundai.

(3) No Hyundai are Tata.

(4) All Tata are Mahindra.

Conclusions :

I. All Maruti being Tata is a possibility.

II. Some Tata are Honda.

III. All Mahindra being Hyundai is a possibility.

IV. No Tata are Honda.

(a) If only 1 follows

(b) If either 1 and 2 or 4 follow

(c) If either 2 or 4 follow

(d) If 1 and 2 follow

66. Statements :

(1) All fields are ponds.

(2) No pond is tree.

(3) Some trees are huts.

(4) All huts are goats.

Conclusions :

I. Some goats are fields.

II. No goats is field.

III. Some goats are trees.

(a) If only 1 follows

(b) If only 2 follows

(c) If either 1 or 2 follow

(d) If either 1 or 2 follow and 3 follow

67. Statements :

(1) Some doctors are treatments.

(2) All treatments are Indians.

(3) Some Indians are stars.

Conclusions :

I. Some treatments are Indians.

II. Some doctors are Indians.

III. Some doctors are stars.

IV. Some doctors are not stars.

(a) If only 1, 2 and 3 follow

(b) If only 1, 2 and 4 follow

(c) If only 2 and 3 follow

(d) If only 1, 2 and either 3 or 4 follow

Directions (68-71) : Answer the questions based on the information given below :

Twelve persons are sitting in a parallel row such that six persons sit in each row. P, Q, R, S, T and U sit in row 1 and A, B, C, D, E and F sit in row 2. Persons in row 1 face south while persons in row 2 face north. Persons in row 1 and row 2 are facing towards each other.

U sits to the immediate right of T, who does not sit at extreme end. P sits second to the right of one, who sits opposite to E. At most two persons sit to the right of E. F sits second to the left of C. Q sits opposite to F. C is not adjacent to E. R sits opposite to B, who is not adjacent to E ?

68. Who sits opposite to C ?

   (a) U

   (b) T

   (c) Q

   (d) None of these

69. How many persons sit between A and D ?

   (a) 3

   (b) 2

   (c) 1

   (d) 4

70. Who sits to the immediate right of S ?

   (a) U

   (b) T

   (c) R

   (d) Q

71. How many persons sit to the left of A ?

   (a) 3

   (b) 5

   (c) 1

   (d) Cannot be determined

Directions (72-75) : Answer the questions based on the information given below :

Seven persons A, B, C, D, E, F and G sit around a circular table facing towards the centre of the table. Ages of these persons are different among 4, 5, 6, 7, 8, 9 and 10.

8 years old person, sits 2nd to the right of A. 5 years old person, sits adjacent to A. C is 6 years old and sits 3rd to the left of 5 years old person. D sits to the immediate left of C. Two persons sit between D and the youngest person (counted from one of the sides). Eldest person sits adjacent to the 4 years old person. G is neither 4 nor 10 years old. E sits 4th to the right of the eldest person. B sits to

the immediate right of G. 7 years old person sits to the immediate left of 9 years old.

72. Who among the following is the eldest person ?

    (a) E

    (b) D

    (c) F

    (d) G

73. Sum of the ages of the persons, who sit adjacent to D is .... years.

    (a) 16

    (b) 15

    (c) 13

    (d) 14

74. Who among the following is the 3rd eldest person ?

    (a) B

    (b) D

    (c) E

    (d) G

75. Who among the following sits 4th to the right of D ?

    (a) G

    (b) B

    (c) A

    (d) E

Directions (76-80) : Answer the questions based on the information given below :

Six aliens A, B, C, D, E and F have been living on different planets for different number of years (12, 13, 15, 17, 19 and 21). The planets are Jupiter, Mars, Mercury, Saturn, Uranus and Venus. E has been living for 17 years. Neither A nor C lives on Venus. F has been living on Mercury for 4 years more than that of D. Neither B nor C lives on Saturn. Person of Saturn has been living for prime number of years. B has been living for even number of years. Alien of Mars has been living for 2 more years than that of alien of Venus.

76. Who among the following has been living on Mercury ?

    (a) F

    (b) E

    (c) C

    (d) A

77. What is the difference between the years of C and D ?

    (a) 6

    (b) 8

    (c) 4

    (d) 7

78. A lives on ....

    (a) Venus

    (b) Mars

    (c) Mercury

    (d) Saturn

79. .... has been living on a planet for 12 years.

    (a) C

    (b) A

    (c) B

    (d) E

80. How many aliens lived for more years than that of D ?

    (a) 3

    (b) 4

    (c) 2

    (d) 1

Directions (81-82) : Study the information below and answer the following questions :

Point G is 4 m north of point C, which is 8 m east of point B, which is 8 m north of point A. Point A is 13 m south east of point E, which is to the west of point G ?

81. What is the distance between point G and point E ?

    (a) 11 m

    (b) 12 m

    (c) 14 m

    (d) 13 m

82. What is the shortest distance between point G and point K, which is 10 m north of point B ?

    (a) 10 m

    (b) $11\sqrt{2}$ m

    (c) $10\sqrt{2}$ m

    (d) 11 m

83. Priyanka is facing the South direction. She takes a turn of 110 degrees in the anticlockwise direction followed by a 25 degree turn towards his left. If she takes these 2 turns 6 times, which direction will she finally face ?

(a) East

(b) West

(c) North

(d) South

Directions (84-87) : Answer the questions based on the information given below :

In a certain code of language :

'summer winter rainy days' is written as 'bet set get met', 'rainy days coming soon' is written as 'det get ret met', 'trains getting late coming' is written as 'yet iet ret pet', 'these days getting late' is written as 'qet met iet yet'.

84. What is the code of "getting" ?

(a) yet

(b) ret

(c) iet

(d) either yet or iet

85. The code "met" is coded for which of the following word ?

(a) coming

(b) days

(c) summer

(d) winter

86. What is the code of "these winter soon" ?

(a) det set qet

(b) det bet set

(c) either (a) or (d)

(d) det bet get

87. If "summer coming trains" is coded as "ret set pet", then what is the code of "winter rainy" ?

(a) get bet

(b) qet get

(c) cannot be determined

(d) ret pet

88. If BEING is coded as 2522181320 in a certain language, how will HUMAN be coded in the same language ?

(a) 1906142612

(b) 1907142613

(c) 1906132613

(d) 1906142613

89. On a bright sunny morning, the shadow of a person falls behind him. Which is the direction to his right ?

    (a) East

    (b) West

    (c) North

    (d) South

90. Pointing to the photograph of a lady, a man said, "She is the wife of the father-in-law of my wife." How is the man's son related to the lady in the photograph ?

    (a) Son

    (b) Grandson

    (c) Brother

    (d) None of these

Directions (91-95) : Answer the questions based on the information given below :

P, Q, R, S, T, U, V and W are sitting in a row that runs from East to West, with four of them facing North and the rest facing South.

(i) The persons who are sitting at the 2 ends of the row are not facing the same direction.

(ii) Neither Q nor S is sitting beside P.

(iii) T is sitting 3rd to the right of U.

(iv) P is sitting 2nd to the left of T.

(v) Q is sitting 3rd to the right of S.

(vi) V is sitting 3rd to the right of P who is sitting to the immediate right of R.

(vii) Q is sitting 2nd to the right of W.

(viii) P is sitting at one of the extreme ends.

(ix) S is facing South.

91. Which 2 persons are sitting at the extreme ends ?

    (a) P and Q

    (b) P and S

    (c) P and W

    (d) P and Q or S

92. Which 4 persons are facing North ?

    (a) P, T, V, Q

    (b) P, R, T, V

    (c) V, Q, U, W

    (d) R, U, W, S

93. How many instances are there in which both the neighbours of a person are facing in opposite direction ?

    (a) 3

    (b) 4

    (c) 5

    (d) 2

94. Which of the following is correct about U ?

    (a) U is the neighbour of S.

    (b) U is the neighbour of V.

    (c) U is sitting between Q and W.

    (d) None of these

95. Who among the following is sitting to the left of V ?

    (a) U

    (b) T

    (c) Q

    (d) None of these

Directions (96-97) : There are 6 people in a family. There are 2 married couples. Further information is as follows :

A is the grandson of D and brother of F. C is daughter-in-law of E. E is the grandfather of F.

96. How is D related to C ?

    (a) Mother

    (b) Sister

    (c) Mother-in-law

    (d) Cannot be determined

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

    (a) 2

    (b) 3

    (c) 4

    (d) Cannot be determined

Directions (98-100) : Answer the questions based on the information given below :

A team is to be selected out of the four boys– Arjun, Jatin, Unique and Vaibhav and four girls– Jagriti, Kirti, Nisha and Priyanka such that the team should have at least two boys and two girls. Further conditions are as follows :

(i) If Jagriti is selected, neither Jatin nor Unique is selected.

(ii) If Arjun is selected, Vaibhav is also selected.

(iii) Priyanka will be in the team only if Unique is also in the team.

(iv) Jatin, if selected would not like to have Kirti in the team.