Directions (1-5): Study the following information carefully to answer the given questions.

There are seven workers - L, M, N, P, Q, R and S, who work in seven different companies, viz Nestle, Cadbury, Amul, MDH, Sonata, Dabur and Colgate, but not necessarily in the same order. Each of them has a mobie of different brands, viz Nokia, Motorola, Lenovo, Micromax, Samsung, Redmi and HTC, but not necessarily in the same order.

N works in Nestle and he uses neither Nokia nor Samsung. P uses Redmi and he works in Cadbury. Q and R do not work in Amul and neither of them uses Samsung. M works in MDH and he uses Lenovo. The one who works in Dabur uses HTC mobile. S works in Colgate and uses Micromax. Q doesn't work in Sonata.

1. Q works in which of the following Company?
   1)Dabur   2) Amul   3) Colgate
   4) Can't be determined   5) None of these
2. N uses which of the following mobiles?
   1)HTC   2) Motorola   3) Redmi
   4) Micromax   5) None of these
3. Which of the following statements is/are **true**?
   1)L works in Sonata and uses Nokia.
   2) R woks in Amul and uses Samsung.
   3) Q works in Dabur and uses HTC.
   4) Aall are true
   5) None of these
4. Who among the following uses Noika?
   1)R   2) Q   3) N
   4) Can't be determined   5) None of these
5. Which of the following combinations is **true**?
   1)S – Dabur – HTC   2) Q – Dabur – MDH
   3) P – Amul – Redmi   4) R – Sonata – Motorola
   5) L – Amul – Samsung

Directions (6-10): Study the following information carefully to answer the given questions.

E, F, G, H, I, J and K are seven friends travelling in three different vehicles- Alto, Nano and Santro – with atleast two in each vehicle. Each of them has a different cold drink, viz Frooti, Maaza, Slice, Sprite, Pepsi, Mirinda and 7up but not necessarily in the same order.

I's favourite drink is 7up and F is travelling in Nano only with I. Those who travel in Alto do not like Frooti and Sprite. The one who likes Maaza travel only with K in Santro. The one whose favourite drink is Pepsi does not travel in the same vehicle as I or K. E does not travel in Nano but likes Mirinda. H and J are travelling in the same vehicle but J does not like Slice. The one whose favourite drink is Sprite deos not travel in Nano.

6. Whose favourite drink is Maaza?
   1)E   2) G   3) H
   4) Can't be determined   5) None of these
7. Which of the following is favourite drink of H?
   1)Maaza   2) Pepsi   3) Slice
   4) Sprite   5) None of these
8. In which of the following vehicles are three persons travelling?
   1)Santro   2) Alto   3) Nano
   4) Can't be determined   5) None of these
9. Which of the following combinations is/are **true**?
   1)H – Pepsi – Alto   2) G – Frooti – Nano
   3) I – Slice – Nano   4) J – Pepsi – Alto
   5) None of these

10. Which of the following statements is/are **true**?

1)H likes Slice and travels in Alto.

2) F likes Pepsi and travels with I.

3) E likes Mirinda and travels with H.

4) Only 1) and 3) are true

5) None is true

Directions (11-16): Study the following information carefully to answer the given questions.

P, Q, R, S, T, U and V are seven friends. Each of them watches a different TV channel, viz Star News, Aaj Tak, BBC News, News Nation, Discovery, DD News and Zee News. All of them have a different profession, viz Doctor, CA, CS, Player, Professor, Busineessman and Reporter, but not necessarily in the same order.

S is a CS but he does not watch Discovery Channel or DD News. V is neither a doctor nor a Businessman, but he watches DD News. R, who is a Professor, does not watch Zee News or BBC News. U watches News Nation and he is a Player. P is not a Businessman, but he watches Discovery channel. The one who is a Businessman watches BBC News. T is a Reporter and he does not watch Aaj Tak. The one who is a Professor does not watch Star News.

11. Who among the following watches Aaj Tak?

1)Professor   2) CS   3) Reporter

4) Doctor   5) Can't be determined

12. The Reporter watches which of the following channels?

1)Zee News   2) DD News   3) Star News

4) Can't be determined   5) None of these

13. Who among the following is a Doctor?

1)V   2) U   3) P

4) S   5) None of these

14. What is the profession of Q?

1)Doctor   2) Businessman   3) CA

4) Player   5) None of these

15. Which of the following combinations is/are **true**?

1)P – CA – DD News   2) Q – Player – Zee News

3) R – Professor – Aaj Tak   4) S – CS – News Nation

5) None of these

16. Which of the following statements is/are **true**?

1)S is a CS and watches Star News.

2) T watches either Zee News or Star News.

3) R is a Professor and watches DD News.

4) All are true

5) None is true

Directions (17-22): Study the following information carefully to answer the given questions.

A, B, C, D, E and Fare six friends. They have their accounts with different banks. Two of these banks are ICICI and SBI. They live in five sectors of Dwarka, viz V, VI, VII, VIII and IX. Two of them live in same sector. A has an account with Canara Bank and he lives in sector VII. D has no account with South Indian Bank and he lives in sector IX. B has account neither with South Indian Bank nor with ICICI and does not live in sector V or VIII. The person who has an account with UCO Bank lives in sector VIII. E does not ive in sector VI or VIII. F has an account with Bank of India and he lives in the sector in which B lives.

17. In which of the following sectors do two friends live?

1)VIII   2) VII   3) VI   4) V   5) None of these

18. Who among the following has an account with UCO Bank?

1) B 2) F 3) D 4) C 5) None of these

19. Which of the following banks does B have an account with ?
 1) ICICI   2) SBI   3) UCO Bank
 4) Canara Bank 5) None of these

20. In which of the following sectors does C live?
 1) VIII 2) VI 3) VII 4) IX 5) None of these

21. Which of the following combinations is **not true**?
 1) D – ICICI 2) C – SBI 3) C – UCO
 4) E – South Indian 5) None of these

22. Which of the following combinations is **true**?
 1) B – UCO – VI 2) C – South Indian – V
 3) D – ICICI – IX 4) F – bank of India – VIII
 5) None of these

Directions (23-27): Study the following information carefully and answer the question given below:

 Seven friends A, B, C, D, E, F, and G live in a seven storey building – consisting of floor 1 to 7. The topmost floor in number 7 and the ground floor is number I and so on. A lives on an odd-numbered floor but not on floor number 5. Only two persons live between A and F. D lives immediately above C But on an even-numbered floor. G lives on the topmost floor. C does not live on the floor above A. There are two persons between B and G.

23. Who among the following lives on floor number 5?
 1) B   2) E   3) C   4) Can't be determined 5) None of these

24. Who lives exactly between the floors in which A and E live?
 1) F   2) D   3) C   4) B   5) None of these

25. Which of the following statements is true about B?
 1) B lives on the lowermost floor.   2) There lives only one person below
   3) B lives immediately below E.   4) B lives on an odd-numbers
floor.   5) None is true.

26. How many persons are there between G and E?
 1) None 2) One   3) Two
 4) Three 5) None of these

27. Four of the following five are alike as per the given arrangement and so form a group. Which of the following does not belong to that group?
 1) E,D   2) G,E   3) F,B
 4) C, A   5) D, B

Directions (28-32): Study the information and answer the given questions:

Seven people P, Q, R, S, T, U and V live on separate floors of a 7-floor building. Ground floor is numbered 1, first floor is numbered 2 and so on until the topmost floor is numbered 7. Each one of these is travelling to a different city, viz Delhi, Mumbai, Patna, Chennai. Kolkata, Bengaluru and Lucknow but not necessarily in the same order. Only three people live above the floor on which P lives. Only one person lives between P and the one travelling to Bengaluru. U lives immediately below the one, travelling to Mumbai. The one travelling to Mumbai lives on an even-numbered floor. Only three people live between the ones travelling to Bengaluru and Patna. T lives immediately above R. T is not travelling to 'Patna. Only two people live between Q and the one travelling to Kolkata. The one travelling to Kolkata lives below the floor on which Q lives. The one travelling to Delhi does not live immediately above or immediately below Q. S does not live immediately above or immediately below P. V does not travel to Chennai.

28. Which of the following is true with respect to Vas per the given information?
 1) The one who lives immediately below V is travelling to Mumbai.
 2) V lives on floor no. 7.
 3) V lives immediately below T.
 4) V lives on the lowermost floor.
 5) V is travelling to Bengaluru.

29. Who among the following lives on floor no. 3?
 1) The one travelling to Chennai
 2) The one travelling to Kolkata
 3) R   4) V   5) T

30. Who lives on the floor immediately above T?
1) P   2) Q   3) S   4) V   5) U

31. To which of the following cities is S travelling?
1) Mumbai   2) Bengaluru   3) Patna
4) Kolkata   5) Chennai

32. How many people live between the floors on which S and the one travelling to Mumbai live?
1) None   2) Two   3) One   4) More than three   5) Three

Direction (33-37): Study the following information carefully and answer the given question.

K, L, M, N, O, P, Q and R live on eight different floors of a building but not necessarily in the same order. The lowermost floor of the building is numbered one, the one above that is numbered two and so on till the topmost floor is numbered eight. Each of them also likes a different superhero, namely Batman, Superman, Caption America, Thor, Hulk, Wolverine, Nova and Ironman, but not necessarily in the same order.

- The one who likes Thor lives on an even-numbered floor. Only three people live between the one who likes Thor and M.
- Only two people live between M and N . N does not live on the lowermost floor. Only three people live between N and the one who likes Hulk.
- O lives immediately above K. O lives on an even-numbered floor. K does not like Hulk. K lives neither on the floor numbered three nor on five.
- Only two people live between K and the one who likes Nova.
- Only one person lives between the one who likes Nova and Ironman. The one who likes Ironman lives below the one who likes Nova.
- L lives immediately above Q. only one person lives between Q and the one who likes Captain America.
- The one who likes Wolverine lives immediately above the one who likes Batman.
- P does not like Thor. K does not like Superman.

33. Which of the following pairs represent those who live immediately above and immediately above and immediately below N?
1) R, L   2) None of these   3) L, M   4) K, Q   5) R, Q

34. Four of the following five are alike in a certain way as per the given arrangement and so from a group. Which of the following does not belong to that group?
1) K-Floor number five   2) Q-Floor number six
3) L-Floor number two   4) N- Floor number seven   5) R- Floor number eight

35. Which of the following superheroes does R like?
1) Other than those given as option
2) Superman   3) Nova
4) Thor   5) Batman

36. Which of the following superheroes does P like?
1) Iron man   2) Wolverine   3) Batman
4) Captain America   5) None of these

37. As per the given arrangement, P is related to Nova and N is related to Wolverine in a certain way. To which of the following is M related to in the same way?
1) Superman   2) Batman   3) Captain America
4) Thor   5) Hulk

Directions (38-42): Study the following information carefully and answer the question given below:

H, I, J, K, L, M and N are seven seminars to be held in seven consecutive months (starting from January and ending with July) but not necessarily in the same order. Only one seminar will be held in a month. Only two seminars will be held between the seminar M and N. Only two seminars will be held after the seminar N. Three seminars will be held between I and L. Seminar I is not to be held in the month of July. Seminar H will be held before the seminar K and J. Seminar J will be held after the seminar K.

38. Which of the following seminar will be held in the month of January?
1)K   2) H   3) I   4) J   5) None of these

39. Seminar K will be held in which of the following months?

| 1)February | 2) March | 3) April | 4) May | 5) None of these |

40. How many seminars will be held between seminar H and K?

| 1)None | 2) One | 3)Two | 4) Three | 5) Can't be determined |

41. Which of the following seminars will be held immediately before the seminar L?

| 1)H | 2) K | 3) N | 4) J | 5) None of these |

42. In a certain way seminar M is related to January based on the given arrangement. Seminar J is related to May. In the same way seminar K is related to which of the following months?

| 1)January | 2) February | 3) March | 4) June | 5) July |

Directions (43-47): Study the following information and answer the given questions:

Seven friends, namely M, N, O, P, Q, R and S, have an essay competition on seven different days, namely Monday, Tuesday, Wednesday, Thursday, Friday, Saturday and Sunday of the same week. Each friend also studies in a different standard, namely First, Second, Third, Fourth, Fifth, Sixth and Seventh, but necessarily in the same order. The one who studies in the first standard has a competition on Saturday. S studies in the second standard and has a competition on Wednesday. N has a competition immediately before Q. N does not have a competition on any of the days after S. The one who studies in the seventh standard does not have a competition on any of the days on or before Friday. The one who studies in the third standard has a competition immediately after O. Q does not study in the fifth standard. The one who studies in the sixth standard does not have a competition immediately before or after S. R does not have any competition on Sunday and does not study in the third standard. P does not have any competition on any of the days before M.

43. Which of the following standards does R study in?

1) Seventh   2) Fifth   3) First
4) Second   5) Fourth

44. Four of the following five form a group as per the given arrangement. Which of the following does not belong to that group?

1) O — Tuesday   2) M — Wednesday
3) P — Saturday   4) S — Monday
5) R — Thursday

45. Based on the given arrangement, which of the following statements is TRUE?

1) M has a competition on Saturday.
2) Q studies in the sixth standard.
3) All the given statements are true
4) Only two persons have their competitions between S and P.
5) R has a competition immediately after M.

46. Which of the following combinations is definitely correct?

1) R— Friday — First
2) O — Tuesday — Fourth
3) M — Thursday — Third
4) Q — Saturday — Fifth
5) P — Sunday — Seventh

47. On which day does N have his competition?

1) Saturday   2) Friday   3) Sunday
4) Tuesday   5) Monday

Directions (48-52): Study the following information carefully and answer the question given below:

Seven friends T, U, V, W, X, Y and Z appear for IBPS exam on sever different dates in December, viz 5th, 6th, 12th, 13th, 19th, 25th, and 26th, but not necessarily in the same order. Each of them belongs to a different city, viz, Delhi, Kanpur, Patna, Ambala, Ranchi, Amritsar and Kolkata but not necessarily in the same order.

The one who belongs to Delhi appears in the exam on 25th Dec. Z belongs to Kanpur and appears in the exam on 12th Dec. U appear in the exam immediately before. X. U does not appear in the exam on a day after Z. The one who belongs to Kolkata does not appear in the exam on or before 19th Dec. The one who belongs to Patna appears in the exam immediately after V. X does not belong to Ranchi. The one who belongs to Amritsar does not appear in the exam immediately before or after Z. Y does not appear in the exam on 26th Dec. nor does he belong to Patna. W appear in the exam on a day before T.

48. On which day does U appear in the exam?
   1) 12th Dec   2) 5th Dec   3) 6th Dec   4) 25th Dec   5) None of these

49. Which of the following statements is/are true?
   1) Y appears in the exam immediately after V.   2) X belongs to Amritsar   3) T appears in the exam on 25th Dec.
   4) All are true   5) None of these

50. X belongs to which of the following cities?
   1) Ambala   2) Amritsar   3) Ranchi   4) Patna   5) None of these

51. Who among the following belong to Ranchi?
   1) X   2) W   3) V   4) U   5) None of these

52. Which of the following combinations is true?
   1) 12th Dec – Ranchi   2) 6th Dec – Patna   3) 25th Dec – Kolkata   4) 26th Dec – Kolkata   5) 12th Dec- Ambala

Directions (53-57) Study the following information carefully and answer the question given below:

There are six exams—History, Economics, English, Hindi, Science and Maths scheduled to start on 10th May and end on 16th May. Sunday is off day. Each of the exam is of a different duration, viz 40 minutes, 50 minutes, 60 minutes, 75 minutes 90 minutes and 100 minutes, but not necessary in the same order.

The exam for 40 minutes is scheduled on 16th of May. The exam of Maths is of less than 60 minuts and is scheduled immediately before the exam of English. There are two exams between Hindi, which is of 100 minutes, and History, which is of 60 minutes. The exam of English is scheduled before Sunday and there is a two-day gap between Sunday and the exam of Maths. Economics exam, which is of 75 minutes, is not scheduled on 10th May. The exam scheduled on Saturday is of 100 minutes. The exam of Economics is scheduled before Science.

53. What is the duration of Science exam?
   1) 90 min   2) 75 min   3) 40 min   4) 60 min   5) None of these

54. Which of the following dates is Sunday?   1) 11th May   2) 12th May   3) 13th May   4) 14th May   5) None of these

55. Which of the following combinations is correct?
   1) Thursday —Maths – 40   2) Thursday — Science – 50
   3) Monday — Maths – 50   4) Friday — English – 90
   5) None of these

56. How many exams are scheduled before Sunday?
   1) Four   2) Five   3) Two   4) Three   5) None of these

57. The exam of Economics is scheduled on which of the following days?
   1) Tuesday   2) Monday   3) Wednesday   4) Can't be determined   5) None to these

Directions (58-62): Study the following information carefully and answer the question given below:

There are eight family members A, B, C, D, E, F, G and H. They all have a different profession, viz Doctor, Manager, Psychologist, Dentist, Lawyer, Jeweler, Engineer and Accountant, but not necessarily in the same order. C is father of the Dentist. G is daughter of the Manager. Doctor is grandmother of F, who has two brothers and who is a Psychologist. The Manager D is married to A. C is a Jeweler who is married to the Lawyer. B is mother of F and E. There are two married couples in the family. The Psychologist is a female, while the Engineer is a male. The Accountant is a sister of the Jeweler, who is married to B.

58. How many male members are there in the family?
   1) Two   2) Four   3) One
   4) Three   5) None of these

59. How is G related to B?
   1) Daughter   2) Sister
   3) Sister-in-law   4) Husband
   5) None of these

60. What is the profession of E?
   1) Engineer   2) Dentist   3) Doctor
   4) Can't be determined   5) None of these

61. Who among the following is a Doctor?
   1) A   2) B   3) E
   4) H   5) None of these

62. Which of the following statements is definitely true?
1) H is son of B and is an Engineer
2) B is married to the Accountant.
3) G is aunt of H, F and E.
4) The Manger is grandfather of the Accountant.
5) None of these

Direction (63-67): Study the following information carefully to answer the given questions.

In a family of ten persons P, Q, R, S, T, U, V, W, X and Y there are five males and five females. All the persons have their favourite hobbies, viz Cooking, Reading, Painting, Gardening, Dancing (Folk), Dancing (Jazz), Cricket, Football, Teaching and Social work. No couple likes the versions of the same hobby.

In the family of three generations, each male member, except Q and W, has two brothers and one sister. The granddaughter of Y does not like Teaching. Q has no brother-in-law. P does not like Cooking. No female member likes Dancing (Folk) or Cooking. X is mother-in-law of U and she likes Football. V likes Dancing (Jazz) and is daughter-in-law of Q. S, who likes Painting, is the unmarried brother of T, who does not like Gardening. R is brother-in-taw of U but he does not like Gardening, Reading, or Cooking. T is V's sister-in-law. Q's mother is W's wife, who does not like teaching. The grandparents like either Teaching or Social work. No male likes Social work. The one who likes Dancing (Folk) is husband of U.

63. Who among the following likes Dancing (Folk)?
1) R   2) P   3) U
4) Can't be determined   5) None of these

64. U likes which of the following?
1) Cricket   2) Gardening   3) Reading
4) Can't say   5) None of these

65. Which of the following pairs of persons do not represent a couple?
1) Q and X   2) P and U   3) V and R
4) W and Y   5) T and S

66. How is P related to T?
1) Father   2) Brother   3) Husband
4) Can't say   5) None of these

67. How is W related to T?
1) Grandfather   2) Grandmother   3) Aunt 4) Uncle   5) None of these