**PUZZLE**

Directions (1–5): Read the following passage carefully and answers the questions given below it:

A group of seven friends, A, B, C, D, E, F and G work as Economist, Agriculture Officer, IT Officer, Terminal Operator, Clerk, Forex Officer and Research Analyst, for Banks L, M, N, P, Q, R and S but not necessarily in the same order. C works for Bank N and is neither a Research Analyst nor a Clerk. E is an IT Officer and works for Bank R. A works as Forex Officer and does not work for Bank L or Q. The one who is an Agriculture Officer works for Bank M. The one who works for Bank L works as a Terminal Operator. F works for Bank Q. G works for Bank P as a Research Analyst. D is not an Agriculture Officer.

1. Who amongst the following works as an Agriculture Officer?

(a) C (b) B (c) F (d) E (e) None of these

2. What is the profession of C?

(a) Terminal operator (b) Agriculture Officer (c) Economist

(d) Cannot be determined (e) None of these

3. For which Bank does B work?

(a) M (b) S (c) L (d) Either M or S (e) None of these

4. What is the profession of the person who works for Bank S?

(a) Clerk (b) Agriculture Officer (c) Terminal Operator (d)Forex Officer (e) None of these

5. For which Bank does D work?

(a) Q (b) L (c) N (d) S (e) None of these

Directions (6-10): Seven professionals A, B, C, D, E, F and G are practicing their professions in different cities Chennai, Bangalore, Hyderabad, Mumbai, Ahmedabad, Jaipur and Bhuvaneshwar not necessarily in the same order. Each has a different profession Doctor, Engineer, Pharmacist, Lawyer, Counsellor, Professor and Artist not necessarily in the same order. A is a pharmacist and practises in Bhuvaneshwar. D practices in Bangalore but is not a doctor or an Artist. The one who practices in Hyderabad is a professor. G is a Counsellor and does not practice in Mumbai or Chennai. E is a Lawyer and practices in Ahmedabad. F practices in Chennai but is not an artist. C practices in Mumbai.

6. What is D’s profession?

(a) Doctor (b) Professor (c) Engineer (d) Cannot be determined (e) None of these

7. Who is the professor?

(a) B (b) C (c) D (d) E (e) None of these

8. Which of the following combinations of profession and place is correct?

(a) Pharmacist—Jaipur (b) Engineer—Chennai (c) Doctor—Bangalore (d) Artist—Mumbai (e) None of these

9. Which of the following persons work in Jaipur?

(a) B (b) G (c) C (d) B or G (e) None of these

10. Who is the Doctor?

(a) D (b) B (c) C (d) B or C (e) None of these

Directions (11-15): Study the following information carefully and answer the questions given below:

Seven boys A, D, Y, U, P, Q and J live in three different buildings- Ashiana, Top-view and Ridge. Each of them is flying kites of different colours i.e., red, green, blue, white, black, yellow and pink, not necessarily in that order. Not more than three or less than two stay in any of the buildings. Q is flying a pink kite and lives in the same building as only J. i.e., Ashiana. Y is flying a black kite and does not live in Ridge building. U does not live in the same building as A or P and is flying a yellow-coloured kite. D lives in Ridge building with only one more person and is flying a green kite. None in the Top-view building flies a white kite. P does not fly a blue kite.

11. Who live in Ridge building?

(a) D, U (b) D, A, P (c) Y, A, P (d) A, P (e) None of these

12. Who is flying the blue kite?

(a) A (b) J (c) P (d) Data inadequate (e)None of these

13. Who flies the red kite?

(a) A (b) J (c) P (d) Data inadequate (e)None of these

14. Who stay in Top-view building?

(a) Y, J, P (b) A, P (c) A, P, D (d) Y, U, J (e) None of these

15. What coloured kite is J flying?

(a) Blue (b) White (c) Black (d) Data inadequate (e) None of these

Directions (16-20): Study the following information carefully and answer the given questions:

Four players A, B, C and D are holding 4 cards each. Each of them has an Ace, a King, a Queen and a Jack. All of them have all the suits (spades, hearts, clubs and diamonds). I. A has Ace of spades and Queen of diamonds. II. B has ace of Clubs and King of diamonds. III. C has Queen of Clubs and Kings of spades. IV. D has Jack of Clubs.

16. Ace of diamonds is with?

(a) A (b) B (c) C (d) D (e) None of these

17. Jack of hearts is with?

(a) A (b) B (c) C (d) D (e) None of these

18. Queen of spades is with?

(a) A (b) B (c) C (d) D (e) None of these

19. C has which of the following with him?

(a) Ace of hearts (b) Jack of spades (c) King of hearts (d) Queen of spades (e) None of these

20. D has which of the following with him?

(a) Ace of hearts (b) Queen of hearts (c) King of hearts (d) King of clubs (e) None of these

Directions (21-25): Read the following information and answer the questions given below: Seven managers Shukla, Mishra, Singh, Kulkarni, Rao, Joshi and Nair are to conduct interviews simultaneously either alone or in pairs at four different locations—Surat, Chandigarh, Delhi and Lucknow. Only one wants to travel by rail, two prefer travelling by car and the rest travel by air.

(i) Shukla is going to Lucknow but neither by car nor by air. (ii) Mishra prefers to travel by car. (iii) Neither Joshi nor Nair is going to Delhi. (iv) Only those going to Surat travel by road. (v) Kulkarni will assist his friend Mishra. (vi) The two managers who go to Delhi travel by air.

21. Where will Kulkarni conduct the interviews?

(a) Surat (b) Lucknow (c) Chandigarh (d) Cannot be determined (e) None of these

22. Who goes to Delhi?

(a) Mishra-Kulkarni (b)Rao-Singh (c) Kulkarni-Joshi (d) Data inadequate (e) None of these

23. Which of the following is true?

(a) Kulkarni travels by air (b) Nair will assist Rao (c) Shukla conducts interviews alone (d) Joshi goes to Chandigarh (e) None of these

24. Who will conduct interviews at Chandigarh?

(a) Nair (b) Singh (c) Rao (d) Data inadequate (e) None of these

25. Which of the following pairs is different from the other four with regard to mode of travel?

(a) Shukla-Mishra (b) Rao-Mishra (c) Nair-Rao (d) Kulkarni-Joshi (e) Shukla-Singh

Directions (26-30): Study the following information carefully and answer the question given below:

(i) A, B, C, D, E, F and G are seven persons wearing a different colour shirt – white, red, black, green, yellow, blue and violet and a different colour trousers – blue, red, white, black, cream, yellow and indigo. The persons, colour of the shirt and colour of the trousers above are not necessarily in the same order. No person is wearing shirt and trousers of the same colour.

(ii) B is wearing red colour shirt and is not wearing cream or yellow colour trousers. D is wearing green colour shirt and indigo colour trousers. Colour of A’s shirt and F’s troursers is same. Colour of E’s shirt and C’s trousers is same. G is wearing blue shirt and E is wearing blue trousers. F is not wearing any yellow dress. A is not wearing a white shirt. Red and blue is not the combination of shirt and trousers of any of the persons.

26. Who wears violet colour shirt?

(a) C (b) F (c) C or F (d) Data inadequate (e) None of these

27. What is the colour of B’s trousers?

(a) White (b) Indigo (c) Red (d) Data inadequate (e) None of these

28. What is the colour of A’s trousers?

(a) Cream (b) Blue (c) White (d) Data inadequate (e) None of these

29. What is the colour of F’s shirt?

(a) Green (b) Blue (c) Violet (d) Data inadequate (e) None of these

30. What is the colour of G’s trousers?

(a) Indigo (b) White (c) Cream (d) Red (e) None of these

Directions (31-35): Study the following information to answer these questions:

Seven Professors A, B, C, D, E, F and G are engaged in evaluation of answer papers in three different subjects English, Mathematics and History. At least two persons evaluate the papers in each subject. Each of the evaluators stay in different buildings P, Q, R, S, T, V & W not necessarily in the same order. A evaluates English papers only with E and stays in building R. D stays in building W and does not evaluate Maths papers. The one who stays in building V evaluates History papers. B and C do not evaluate the papers in the same subject. Those who evaluate English papers do not stay in building Q. F stays in building P but does not evaluate History papers. G evaluates same papers as F. C stays in building T.

31. Who stays in building V?

(a) E (b) F (c) G (d) B (e) None of these

32. Which of the following combinations of subject, person and buildings is definitely correct?

(a) Maths- F-Q (b) Maths –G-Q (c) History- D-T (d) History –E-S (e) None of these

33. Which of the following groups of persons evaluate the mathematics paper?

(a) CF (b) EFG (c) CFG (d) FG (e) None of these

34. Papers in which subject are evaluated by D?

(a) History (b) Maths (c) English (d) English or Mathematics (e) History or Mathematics

35. E stays in which building?

(a) P (b) Q (c) T (d) Cannot be determined (e) None of these

Directions (36–40): Study the following information carefully and answer the questions given below:

P, Q, R, S, T, V and W are seven members of a club. Each of them has a favourite sport from-Chess, Table Tennis, Lawn Tennis, Volleyball, Badminton, Basketball and Carrom, not necessarily in the same order. Each of them also has a specific choice of colour from—Blue, Red, Green, Yellow, Grey, Black and White, not necessarily in the same order. R likes Green and his favourite sport is Badminton. V’s choice of colour is neither Red nor Black. T’s favourite sport is neither Table Tennis nor Basketball. The one who likes Blue does not like Carrom. The one who likes Volleyball does not like Yellow and Grey. Q’s favourite sport is Lawn Tennis and he likes Black. S likes White. W likes Basketball. P likes Volleyball. T likes Blue. The one who likes Basketball does not like Grey.

36. What is V’s choice of colour?

(a) Black (b) Grey (c) Yellow (d) Data inadequate (e) None of these

37. What is T’s favourite sport?

(a) Basketball (b) Volleyball (c) Chess (d) Data inadequate (e) None of these

38. Whose favourite sport is Carrom?

(a) S (b) R (c) W (d) Data inadequate (e) None of these

39. Whose favourite sport is basketball?

(a) S (b) T (c) W (d) R (e) Data inadequate

40. What is W’s choice of colour?

(a) Green (b) White (c) Black (d) Data inadequate (e) None of these

Directions (41–45) These questions are based on the following information: Seven persons R, J, M, Q, L, T and K conduct workshop on Developing Managerial skills in seven different companies A, B, C, D, E, F and G on a different day of the week from Monday to Sunday. The order of persons, companies and days of the week are not necessarily the same. J organizes workshop in Company D on Wednesday. Q does not conduct workshop for companies A or C and conducts on the next day of L who conducts the workshop for Company F. T conducts workshop for Company E on Friday. K conducts workshop on Monday but not for Company C or G. M conducts workshop for Company A but not on Tuesday.

41. Who conducts workshop on Saturday?

(a) M (b) Q (c) L (d) Q or L (e) None

42. On which day does Q conduct the workshop?

(a) Sunday (b) Saturday (c) Tuesday (d) Cannot be determined (e) None

43. M conducts workshop on which day?

(a) Saturday (b) Sunday (c) Tuesday (d) Thursday (e) None

44. Which of the following combinations of person-company and day is correct?

(a) K–B–Wednesday (b) R–B–Monday (c) K–C–Monday

(d) K–G–Sunday (e) None

45. Who conducts workshop for Company C and on which day?

(a) R, Thursday (b) R, Tuesday (c) Q, Saturday (d) Q, Sunday (e) None

Directions (46-50): P, Q, R, S, T, V and W are seven friends working in a call centre. Each of them has different day offs in a week from Monday to Sunday not necessarily in the same order. They work in three different shifts I, II and III with at least two of them in each shift. R works in shift II and his day off is not Sunday. P’s day off is Tuesday and he does not work in the same shift with either Q or W. None of those who work in shift I has day off either on Wednesday or on Friday. V works with only T in shift III. S’s day off is Sunday. V’s day off is immediate next day of that of R’s Day off. T’s day off is not on Wednesday. W’s day off is not on the previous day of P’s Day off. S works in shift I. Q does not work in the same shift with R and his day off is not on Thursday.

46. Which of the following is W’s Day off?

(a) Tuesday (b) Monday (c) Saturday (d) Data inadequate (e) None

47. Which of the following is R’s Day off?

(a) Friday (b) Thursday (c) Tuesday (d) Wednesday (e) None

48. Which of the following groups of friends work in shift II?

(a) RP ` (b) RV (c) QWS (d) Data inadequate (e) None

49. Which of the following is Q’s Day off?

(a) Friday (b) Wednesday (c) Thursday (d) Monday (e) None

50. Which of the following groups of friends work in shift I?

(a) RV (b) RP (c) QWS (d) Data inadequate (e) None

**ANSWER KEY**

1-B, 2-C, 3-A, 4-D, 5-B, 6-C, 7-A, 8-D, 9-C, 10-E, 11-A, 12-A, 13-C, 14-E, 15-B, 16-D, 17-A, 18-D, 19-A, 20-C, 21-A, 22-B, 23-E, 24-D, 25-C, 26-C, 27-A, 28-E, 29-D, 30-C, 31-D, 32-B, 33-C, 34-A, 35-E, 36-B, 37-C, 38-D, 39-C, 40-E, 41-C, 42-A, 43-D, 44-E, 45-B, 46-C, 47- D, 48-A, 49-D, 50-C.