Puzzles

Directions (1): Study the following information carefully and complete the arrangement

1. A, B, C, D, E, F, G and H are eight friends who live in an eight-storey building. The ground floor is numbered one and the topmost floor is numbered eight. Each of them gets selected in a different exam; viz UPSC, CDS, AIIMs, IIT, SBI, IBPS, NDA and SSC, but not necessarily in the same order. There is only one floor between A and the floor on which SSC-selected aspirant lives. The person who gets selected in SSC does not live on floor number 1 . D lives just below B. The one who is selected in UPSC lives on an even-numbered floor and just above the floor on which SBI-selected person lives. The person who is selected in IBPS lives on an even-numbered floor but not on the 8th floor. Neither D nor H lives on the 1st floor. Only one person lives between the one who is selected in NDA and D. A lives on an odd- numbered floor and E lives just above A. B lives on the fourth floor. Only two persons live between the person who is selected in IBPS and A. F lives just below the one who gets selected in SBI. D is selected neither for SBI nor for SSC. AIIMs-selected person does not live on an odd-numbered floor. G is not selected for CDS. There are two floors between the floor on which H lives and the floor on which E lives. Only two persons live between the- one who is selected in IIT and the one in AIIMS.

Directions (2-6): Study the following information carefully and answer the questions 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 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.

2. Who live in Ridge building?
   a) D, U   b) D, A, P   c) Y, A, P   d) A, P   e) None of these

3. Who is flying the blue kite?
   a) A   b) J   c) P
   d) Data inadequate   e) None of these

4. Who flies the red kite?
   a) A   b) J   c) P
   d) Data inadequate   e) None of these

5. 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

6. What coloured kite is J flying?
   a) Blue   b) White   c) Black
   d) Data inadequate   e) None of these

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

Five persons V, W, X, Y and Z are participating in a cycling race. They ride on five tracks. Track 1 is at the extreme left and Track 5 is at the extreme right. W and Z are not cycling adjacent to each other. Y is not on the tracks on the extreme ends. W is on track three. V is to the left of X.

7. If X is on Track 4 then Z is on which of the following tracks?
   1) Track 1   2) Track 5   3) Track 2
   4) Cannot be determined   5) None of these
8. X rides definitely on which of the following tracks?
   1) Track 2   2) Track 4   3) Either 1) or 2)
   4) Track 1   5) None of these
9. If Y is to the left of V then X is on which of the following tracks?
   1) Track 4   2) Track 2   3) Track 1   4) Track 5   5) None of these

Directions (10): Read the following information carefully and answer the questions given below-

11, 12, 13, 14, 15, 16, 17, 18, 19 and 20 are the only ten members in a department. There is a proposal to form a team from within the members of the department, subject to the following conditions.

- A team must include exactly one among 15, 17 and 18.
- A team must include either 13 or 16 but not both.
- If a team includes 11 then it must also include 12.
- If a team includes one among 18, 19 and 20, then it must also include the other two.
- 12 and 14 cannot be members of the same team.
- 12 and 19 cannot be members of the same team.
- The size of a team is defined as the number of members in the team.

10. In how many ways a team can be constituted so that the team includes 14?

Directions (11-12): Read the following information carefully and answer the questions given below-

From amongst six boys G, H, I, J, K and L and five girls U, V, W, X, and Y a team of six is to be selected under the following conditions:
   a. G and J have to be together.
   b. I cannot go with X.
   c. X and Y have to be together.
   d. H cannot be teamed with K.
   e. J cannot go with U.
   f. H and W have to be together.
   g. I and V have to be together.

11. If there be five boys in the team, the only girl member is
    1) U   2) V   3) W   4) X   5) None of these
12. If, including U, the team has three girls, the members other than U are
    1) HILVW   2) GJKXY   3) GJHXY   4) HLWXY   5) None of these

Directions (13): Study the following information carefully and complete the arrangement

13. Four friends A, B, C, D were going to giving the different competitive exams viz: CAT, IBPS PO, CDS and CSAT (not necessarily in the same order). on the same day but in different cities viz: Dehradun, Delhi, Dispur, Dhanbad but not necessarily in the same order, at different time which were 9am, 12pm, 10am and 11am (not necessarily in the same order).
    - D's exam was just after the exam of CAT which was just after the exam which was given in Dehradun.
    - CSAT exam was given at least two hours later than B's exam.

- CDS exam was given just after the exam which was given in Dhanbad, who had an exam just after A.
- The definite information which was given about three people among four one was C and the one who has given the exam in Delhi and the one who has given the exam at 11am.

Directions (14-18): Study the following information carefully and answer the questions given below:

M, K, J, T, R, D and W are seven members of a family. There are two married couples among them belonging to two different generations. Each of them has a different choice of cuisine - Chinese, Continental, Thai, Punjabi, South Indian, Gujarati and Malwani. The grandfather in the family likes Gujarati food. None of the ladies likes Continental or Thai food. T is the son of M, who likes Chinese food. W is J's daughter-in-law and she likes South Indian food. K is grandfather of D, who likes Punjabi food. J is mother of R, who likes Continental food.

14. How is R related to D?
   a) Father b) Brother   c) Uncle   d) Data inadequate   e) None of these
15. How many male members are there in the family?
   a) 3   b) 4   c) 5
   d) Data inadequate   e) None of these
16. Which of the following group contains one each from the same generations?
   a) JRT   b) JRW   c) MRD   d) MWT   e) None of these
17. Which food does T like ?
   a) Gujarati   b) Thai   c) Malwani   d) Data inadequate e) None of these
18. Which of the following combinations represents favourite food of the two married ladies?
   a) Malwani, South Indian   b) South Indian, Punjabi
   c) Punjabi, Malwani   d) Data inadequate   e) None of these

Directions (19-23): Study the following information carefully and answer the questions given below:

There are nine persons Anil, Balaji, Chaitu, Dinesh, Eswar, Feriq, Ganesh, Hari and Ishant stay on a nine floors building, but not necessarily in the same order. Only one person stays on each floor. All of them have either bike or car of different colours i.e. yellow, golden, red, orange, purple, black, white, silver and grey, but not necessarily in the same order. Only five of them have car. The ground floor is numbered 1 and the topmost floor is numbered 9. There are two floors between the floors on which the persons having a black bike and silver car stay. Chaitu owns a red bike. Feriq does not own a grey Bike. Anil stays on even numbered floor below the even numbered floor on which Hari stays. The one who own a purple car stays on the fourth floor. Dinesh stays on the second floor and owns the orange car. The one who owns the golden car stays on the topmost floor. Anil does not own a white car. Feriq owns a black bike and stays on an odd-numbered floor. There is only one floor between the floors on which Ferriq and Ganesh stay. Eswar stays immediate above the floor on which Ishant stay. Ganesh does not stay on the ground floor. Balaji stays immediate above the floor on which Hari stay. There are three floors between the floors on which Chaitu and Feriq stay. The one who owns the silver car stays immediate above Ganesh. Eswar stays on the fourth floor. The one who owns the grey bike stays on the third floor.

19. What is the color of the car of the person who stays on the 4th floor?
   a) Red   b) White   c) Orange   d) Purple   e) Yellow

20. How many persons are between the one who has golden car and the one who stays on 4th floor?
    a) Five   b) Three   c) Seven   d) Four   e) None of these
21. Who lives on the 7th floor?
    a) The one who has white car   b) Balaji
    c) Ganesh   d) Both (a) and (c)   e) The one who has silver car
22. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?
    a) Red   b) White   c) Golden   d) Silver   e) Grey
23. Which of the following colored car does Feriq has?
    a) Yellow   b) Red   c) Purple   d) Grey   e) Black

Directions (24 -28): Study the below information and answer the questions below

Eight friends A, B, C, D, E, G, H and J live on eight different floors of a building but not necessarily in the same order. The lowermost floor of the building is numbered 1 and the topmost floor of the building is numbered 8. The DOB of each of the persons falls in different months i.e. March, April, May, June, July, August, September and October, but not necessarily in the same order. All persons like different types of fruits i.e. Guava, Apple, Grapes, Mango, Banana, Pineapple, Litchi and Orange but not necessarily in the same order. The one whose DOB is in August does not live on an odd-numbered floor and does not like Apple & Litchi. J lives just below the one whose DOB is in October. The one who lives on third floor likes Guava. The one whose DOB is in April lives on an even-numbered floor but not on the topmost floor and likes either Orange or Pineapple. Only one person lives between G and the one whose DOB is in July. The one who likes Banana lives immediately above the floor in which J lives. E likes Litchi. The one whose DOB is in June lives on an even numbered floor and lives just above the person whose DOB is in October. C's DOB is not in July or October. The persons (who likes Apple, Mango, Orange and Grapes) lives on even numbered floor. The one who likes Grapes lives below the one who likes Mango. Only two persons live between the one whose DOB is in August and the one whose DOB is in March. D's DOB is not in September. Only two persons live between G and the one whose DOB is in April. Neither E nor C lives on the first floor. Only one person lives between C and the one whose DOB is in May. A lives just above G. Only two persons live between E and A. The one whose DOB is in July does not live on floor number one. A does not like Grapes or Mango. B lives on an even-numbered floor and just above C.

24. How many persons live between the person whose DOB is in September and the one who likes Apple?
    1) Six   2) Two   3) Four   4) Five   5) None of these
25. Which of the following fruits does D like?
    1) Guava   2) Pineapple   3) Banana   4) Litchi   5) Grapes
26. Four of the following five are alike in a certain way and hence form a group. Which one of the following does not belong to that group?
    1) June   2) Grapes   3) April   4) Banana   5) Mango
27. Which of the following statement is true?
    1) B's DOB is in April and lives on the 5th floor.
    2) H's DOB is in May and lives on the first floor.
    3) The one whose DOB is in October lives on the 6th floor.
    4) E lives on floor numbered five and likes Litchi.
    5) G lives on floor numbered seven and likes Mango.
28. J is related to Orange in the same way as G is related to Litchi. Which of the

following is B related to, following the same pattern?
1) Guava   2) Pineapple 3) Mango   4) Apple   5) Grapes

Directions (29): Study the following information carefully and complete the arrangement
29. T, U, V, W, X, Y and Z are seven friends who live in a seven storey building. The first floor is numbered 1 and the topmost floor is numbered 7. Each of them belongs to different cities viz, Mumbai, Ranchi, Imphal, Bokaro, Mohali, Delhi and Chandigarh but not necessarily in the same order. The person who belongs to Chandigarh lives above T. Z lives on the fifth floor. Neither X nor Z belongs to Ranchi. There are two floors between the floor in which X and V live. The person that belongs to Delhi lives on the topmost floor. The one who belongs to Mohali lives just above X. V lives on an even numbered floor. Y is from Imphal. There is one floor between U and the one who is from Ranchi. There are three floors between T and the one who is from Mumbai. Z and X are not from Bokaro.

Directions (30 -32): Study the information carefully and answer the below questions Lalitha, Raja and Rama availed the discount offers during a Big Diwali sale. They purchased one item each with the highest discount being Rs.125. The blue coat was not purchased by Lalitha. Rama was happy to get a discount of Rs.90 on the item bought by her. The discount on the red item was more than that on the pillow covers. The discount on trousers was not Rs.50 and the trousers were not bought by Lalitha or Raja. One of the items was green in color.

30. What was the item bought by Rama?
1) Coat   2) Pillow Covers   3) Trousers   4) Do not know
31. How much discount did Lalitha get?
1) Rs.125   2) Rs.90   3) Rs.50   4) None
32. What is the colour of the item purchased by Raja?
1) Blue   2) Red   3) Green   4) None

Directions (33): Study the following information carefully and complete the arrangement
33. Four people were being interviewed for the same job, on the same day but in different rooms (R1, R2, R3 and R4), at different time and by different interviewers.
Determine which candidate was interviewed by whom, at which time and in which room
  i.   Teena's appointment was just after Mr. Sharma's, which was just after that of the person in room R2.
 ii.   Mr. Narurkar's appointment was at least two hours later than Bimal's.
iii.   Mr. Joshi's appointment was just after the person who had an interview in room R4, who had an appointment just after Chirag.
 iv.   Three of the four people were: (1) Deepak, (2) the one with interview in room R1, and (3) the one who was interviewed at 1 p.m.
  v.   Interview times were – 11 a.m., 12 noon, 1 p.m., and 2 p.m.
 vi.   Sharma, Narurkar, Joshi and Zaidi were interviewers and Teena, Bimal, Chirag and Deepak were the interviewees.

Directions (34): Study the following information carefully and complete the arrangement
34. Four young men Anil, Mukesh, Piyush and Yogesh are lovingly called Munna, Babboo, Prince and Papoo by everyone. They are married to Madhu, Sunanada, Jyothi and Arti.
1.   Arti and Madhu are not married to Piyush or Anil nor is their husband called Babboo.
2.   Babboo is not married to Sunanada and his name is not Piyush.

3. Sunanada is not married to Munna.

4. Mukesh is neither Munna nor prince nor is married to Madhu.

Directions (35): Study the following information carefully and complete the arrangement

35. Four players A, B, C, 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 Diamond)

1. A has Ace of spades and Queen of diamonds.

2. B has Ace of clubs and King of diamonds.

3. C has Queen of clubs and King of diamonds.

4. D has Jack of clubs

Directions (36): Study the following information carefully and complete the arrangement

36. Eight persons A, C, E, F, G, L, M and P have different sim cards, viz. Docomo, Airtel and BSNL. There are at least two persons at most three persons who have the same sim. They have recharged their sim with different amounts viz Rs.20, Rs.30 and Rs. 40. No two persons, who have the same sim, recharged with the same amount. At least two persons and at most three persons recharged with the same amount. P recharged with Rs.40 and has BSNL sim. F and P have the same sim but F did not recharge with Rs.20. F and L recharged with the same amount. The persons with Docomo sim, did not recharge with Rs.30. G and E recharged with the same amount. G and M have the same sim which is not the same sim of L. A and C recharged with the same amount but not with Rs.40. C and E have different sims.

Directions (37): Study the following information carefully and complete the arrangement

37. T, U, V, W, X, Y, Z are seven members of family. Two of them lives in Lucknow, two in Delhi, one in Mumbai, and one each lives in Patiala and Gurgaon. There are two married couples in the family. W lives in Gurgaon and is married to one who lives in Delhi. No female member of the family lives in Gurgaon. X who lives in Lucknow, is married to Z, who lives in Delhi. Both the persons who live in Lucknow are females. T is married to W, who is father of Z. Neither Y nor U lives in Lucknow. U is the son of the one who lives in Delhi and has only one sister. Y is paternal aunt of V, who is granddaughter of the one who lives in Gurgaon. The one who lives in Mumbai is a male.

How is U related to T?

a) Son   b) Daughter   c) Grandson

d) Granddaughter   e) None of these

Directions (38): Study the following information carefully and complete the arrangement

38. (i) In a family of six persons, there are people from three generations. Each person has separate profession and also they like different colours. There are two couples in the family.

(ii)   Rohan is a CA and his wife neither is a doctor nor likes green colour.

(iii) Engineer likes red colour and his wife is a teacher.

(iv) Mohini is mother-in-law of Sunita and she likes orange colour.

(v) Vinod is grandfather of Tanmay and Tanmay, who is a principal, likes black colour.

(vi)   Nanu is grand-daughter of Mohini and she likes blue colour. Nanu's mother likes white colour.

1.How many ladies are there in the family? 2.Which colour is liked by CA?

39. Seven Persons P, Q, R, S, T, U and V live on seven different floors of a building, but not necessarily in the same order. The lowermost floor of the building is numbered one; the one above it is number two and so on till the topmost floor is number seven. Each of them also likes a different subject and colour i.e. subjects are- Maths, Physics, Chemistry, Biology, Economics, Hindi, Sanskrit and colour are- Red, Pink, Blue, White, Yellow, Orange and Violet but not necessarily in the same order. Only one person lives between the one who likes Economics and the one who likes Hindi. S does not like Economics. V does not like Maths. The one who likes Orange live immediate above the one who likes Economics. T lives on one of the floors below Q, but does not live on the lowermost floor. The one who lives on 7th floor is immediate above the one, who lives immediate below the one who likes Violet. There are three persons between Q and T. The one who likes Biology lives on one the odd numbered floors below U. P lives immediately above U and does not like Chemistry. U does not like White and Pink. The one who likes Blue live immediate above the one who likes Yellow. The one who likes Hindi is also likes Pink. Only one person lives between Q and the one who likes Chemistry. The one who likes Yellow lives below the one who likes Red. Only two persons live between V and the one who likes Chemistry. The one who likes Physics live on one of the even-numbered floors above the one who likes Chemistry. The one who likes Sanskrit lives immediately above V, who does not like Hindi. S lives on one of the floors above R.

40. Nine People – P, Q, R, S,T, U, V, W and X live in nine different floors of 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 nine. Each one of them likes different foods, namely Maggi, Sandwich, Poha, Burger, Pizza, Idli, Dosa, Rice and Samosa (but not necessarily in the same order). Only three people live between S and the one who likes Idli. R lives an one of the odd numbered floors above the one who likes Idli. U lives an odd numbered floor above the floor numbered four. Only one person lives between U and the one who likes Poha. V likes neither Idli nor Maggi. Only three people live between V and P. S lives one of the floors below U. The one who likes Samosa lives immediately above the one who likes Sandwich, but not on the topmost floor. The number of people living between U and X is same as the number of people living between U and S. X, who likes Rice lives immediately above the one who likes Burger. Only two people live between R and the one who likes Maggi. The one who likes Dosa lives immediately above

V. Only one person lives between the one who likes Samosa and W. Only one person lives between Q and the one who likes Pizza. T does not like Dosa

41. Eight persons A, B, C, D, E, F, G and H buy different fruits Apple, Pear, Peach, Plum, Orange, Mango, Kiwi and Papaya not necessarily in the same order. The weights of the fruits were 1kg, 2kg, 3kg, 4kg, 5kg, 6kg, 7kg, 8kg not necessarily in the same order.
The sum of the weights of the fruits D and F together is equal to the weight of the Mangoes. Plum and the fruit bought by C together weight equal to weight of the fruit bought by E. B's weight of the fruit was twice the weight of the fruit bought by C. Apple weighed 3 kg more than Plum.
E's weight of the fruit was thrice the weight of fruit bought by F
A's weight of the fruit weighed less than the weight of the fruit bought by C. H bought Papaya and Mangoes did not weigh 3 kg.
Peach weighed twice the weight of Kiwi
Weight of Pear and Kiwi together was equal to the weight of Papaya and Orange.

Answers

1. -
2. D,U
3. A
4. P
5. None of these (YAP)
6. White
7. Track 5
8. None of these
9. Track 5
10. **-**
11. V
12. HILVW
13. -
14. Uncle
15. Data inadequate
16. JRT
17. Thai
18. Malwani, South Indian
19. Purple
20. Four
21. Both (a) and (c)

21. Silver
22. Black
23. Five
24. Pineapple
25. June
26. E lives on floor numbered five and likes Litchi.
27. Grapes
29. -
30. Trousers
31. Rs.50
32. Blue
33. -
34. -
35. -
36. -
37. Grandson
38. –
39. –
40. –
41. -