**COMPLEX ARRANGMENT**

**Directions for (Q.1-4):-**A, B, C, D, E, F and G are seven friends studying seven different branches of engineering, namely Mechanical, Chemical, Electrical, Electronics, Civil, Computer and Aeronautical Engineering, not necessarily in this order. Each of them studies in three different colleges, X, Y and Z. Not less than two study in any college. D studies Electrical engineering in College X. The one who studies Chemical Engineering does not study in college Z. F studies Aeronautical Engineering in college Y with only B. A does not study in college X and does not study Civil Engineering. E studies Computer Engineering and does not study in college X. G studies Electronics Engineering but not in college X. none in college X studies Mechanical or Civil Engineering.

1. Which of the following groups represents the persons studying in college Z?

a.) D, B b.) C, E, G

c.) A, G d.) A, G, E

e.) None of the above

1. In which of the following colleges does Cstudy?

a.) X b.) Y

c.) Z d.) Either X or Z

e.) Cannot be determined

1. Who studies Chemical Engineering?

a.) A b.) C

c.) B d.) E

e.) None of the above

1. Which of the following combinations is correct?

a.) A-Civil-Z b.) B-Chemical-Y

c.) C-Chemical-Z d.) G-Electronics-Y

e.) None of these

**Directions for (Q.5-7):-**Amit, Bharati, Cheryl, Deepak and Eric are five friends sitting in a restaurant. They are wearing caps of five different colours — yellow, blue, green, white and red. Also they are eating five different snacks — burgers, sandwiches, ice cream, pastries and pizza.

I. The person wearing a red cap is eating pastries.

II. Amit does not eat ice cream and Cheryl is eating sandwiches.

III. Bharati is wearing a yellow cap and Amit wearing a blue cap.

IV. Eric is eating pizza and is not wearing a green cap.

1. What is Amit eating?

a) Burgers b) Sandwiches

c) Ice cream d) Pastries

1. Who among the following friends is wearing the green cap?

a) Amit b) Bharati

c) Cheryl d) Deepak

1. Who among the following friends is having ice cream?

a) Amit b) Bharati

c) Cheryl d) Deepak

**Directions for (Q.8-12):-**Read the following information and then answer the questions based on them.

The staff of Bank are Mr. A,Mr. B, Mrs. C, Miss D, Mr. E and Miss F. The positions they occupy are Manager, Asstt. Manager, Cashier, Steno, Teller and A clerk, though not necessarily in that order. The Asstt. Manager is Manager&#39;s grandson, Cashier is Stenographer&#39;s son-in-law. Mr. A is bachelor. Miss D is Teller&#39;s step-sister and Mr. E is Manager&#39;s neighbour. Mr. B. can&#39;t have a grandson or son-in-law as he is only 20 years.

1. Who is the Manager?

a) Mr. A b) Mrs. C

c) Mr. E d) None

1. Who is the Asstt. Manager?

a) Mr. A b) Miss F

c) Mrs. C d) Mr. B

1. Who is the Teller ?

a) Miss F b) Mrs. C

c) Mr. A d) Miss D

1. Who is the Clerk?

a) Mr. B b) Miss D

c) Miss F d) None

1. Who is the Cashier?

a) Either Mr. A or Mr. B b) Miss F

c) Mr. A d) Mrs. C

**Directions for (Q.13 - 16):** These questions are based on the following information.

Each of the eight persons P, Q, R, S, T, U, V and W are travelling by exactly one car among Honda city, BMW and Honda Brio. Each of them belongs to a different city among Hyderabad, Chennai, Kolka ta, Pune, Bengaluru, Cochin, Baroda and Noida but not necessarily in same order. The number of persons travelling by any car is minimum two and maximum three.

Only two persons, P and the one from Pune are travelling by BMW. R and T are travelling by different cars but they are neither from Bengaluru nor from Baroda. V is from Kolkatta but not travelling by Honda Brio. R and W are travelling by same car. R is not from Cochin, W is not from Bengaluru. T is not from Pune and S is from Hyderabad. U is from Chennai and travelling by Hondacity.

1. Who is from Noida?

a) P b) W

c) Q d) R

1. Which of the following group of persons are travelling by Honda Brio?

a) RUW b) RVW

c) QRW d) SRW

1. In which car is the person from Baroda travelling?

a) BMW b) Honda Brio

c) Honda city d) Either BMW or Honda Brio

1. Which of the following is true regarding the given information?

a) P is from Noida. b) W is from Pune.

c) T is from Cochin. d) R is travelling by Honda city.

**Directions for (Q.17 - 19):** These questions are based on the following information:

Seven people A,B,C,D,E,F and G live on seven floors (ground floor is considered the first floor and the floor just above the first floor is considered the second floor and so on.) of an apartment building. Each person takes an exam on each of the days Sunday, Monday, Tuesday, Wednesday, Thursday, Friday and Saturday, not necessarily in the same order. The following information is known about them:

**(i)** There are three floors between C's floor and D's floor from top to bottom in that order.

**(ii)** Either B or E lives on the top floor. The person who lives on the top floor takes an exam on Wednesday.

**(iii)** Neither F nor G takes an exam on Tuesday and there is one person between F’s floor and G’s floor there who takes an exam on Saturday.

**(iv)** The person who takes an exam on Tuesday does not live on an even - numbered floor.

**(v)** There are only two floors below A's floor.

**(vi)** C takes an exam either on Sunday or on

Wednesday. Only two persons live between B and G and one of them takes an exam on Monday.

**(vii)** The person who takes an exam on Thursday is adjacent to the person who takes an exam on either Saturday or Monday.

1. Who lives on the sixth floor?

a) A b) B

c) C d) E

1. A takes an exam on which day?

a) Friday b) Saturday

c) Monday d) Wednesday

1. How many persons live between E and F?

a) None b) One

c) Two d) Three

**Directions for (Q.20 - 24):** There are five friends Amisha, Binaya, Celina, Daisy and Eshaan. Two of them play table tennis while the other three play different games, viz. football, cricket and chess. One table tennis player and the chess player stay on the same floor while the other three stay on floors 2, 4 and 5.

Two of the players are industrialists while the other three belong to different occupations viz. teaching, medicine and engineering. The chess player is the oldest while one of the table tennis players, who plays at the national level, is the youngest.

The other table tennis player who plays at the regional level is between the football player and the chess player in age. Daisy is a regional player and stays on floor 2. Binaya is an engineer while Amisha is the industrialist and plays table tennis at the national level. Daisy plays cricket and football player stays on floor 4. Celina stays on floor 5. Only one of the friends is younger than Daisy.

1. Who all stay on floor 3?

a) Amisha and Binaya b) Daisy and Eshaan

c) Binaya and Daisy d) Celina and Daisy

1. What does Eshaan play?

a) Chess b) Football

c) Cricket d) Table tennis at regional level

1. Who stays on floor 4?

a)Amisha b)Binaya

c) Celina d) Eshaan

1. Age wise, who among the following lies between Binaya and Eshaan?

a) Daisy b) Amisha

c) Celina d) Cannot be determined

1. What is the occupation of the chess player?

a)Engineer b) Industrialist

c) Doctor d)Teacher

**Directions for (Q.25 - 27):** These questions are based on the following information.

A green grocer sells five types of vegetables – Carrot, Tomato, Brinjal, Cabbage and Cauliflower. Tomato is more fresh and heavier than Cauliflower. Carrot is heavier than Brinjal and more fresh than Cabbage. Cabbage is heavier than Tomato, but less fresh than Cauliflower. Brinjal is heavier than Tomato, but less fresh than it.

1. Which of the following must be the least fresh of all the vegetables?

a) Cabbage b) Carrot

c) Tomato d) Cabbage or Brinjal

1. If Cabbage is the heaviest of all, then the second heaviest can be

a) Brinjal b) Cauliflower

c) Tomato d) Carrot

1. If Carrot is not the freshest of all the vegetables, then which of the following is the most fresh of all ofthem?

a) Cabbage b) Tomato

c) Cabbage or Brinjal d) Brinjal or Tomato

**Directions for (Q.28 - 32):** Read the following information and then answer the questions based on them. The staff of Bank are Mr. A,Mr. B, Mrs. C, Miss D, Mr. E and Miss F. The positions they occupy are Manager, Asstt. Manager, Cashier, Steno, Teller and A clerk, though not necessarily in that order. The Asstt. Manager is Manager's grandson, Cashier is Stenographer's son-in-law. Mr. A is bachelor. Miss D is Teller's step-sister and Mr. E is Manager's neighbour. Mr. B. can't have a grandson or son-in-law as he is only 20 years.

1. Who is the Manager?

a) Mr. A b) Mrs. C

c) Mr. E d) None

e) Can't be determined

1. Who is the Asstt. Manager?

a) Mr. A b) Miss F

c) Mrs. C d) Mr. B

e) None of these

1. Who is the Teller ?

a) Miss F b) Mrs. C

c) Mr. A d) Miss D

e) None of these

1. Who is the Clerk?

a) Mr. B b) Miss D

c) Miss F d) None

e) Can't be determined

1. Who is the Cashier?

a) Either Mr. A or Mr. B b) Miss F

c) Mr. A d) Mrs. C

e) None of these