**Directions(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(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(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?

(1) Mr. A (2) Mrs. C (3) Mr. E (4) None

1. Who is the Asstt. Manager?

(1) Mr. A (2) Miss F (3) Mrs. C (4) Mr. B

1. Who is the Teller ?

(1) Miss F (2) Mrs. C (3) Mr. A (4) Miss D

1. Who is the Clerk?

(1) Mr. B (2) Miss D (3) Miss F (4) None

1. Who is the Cashier?

(1) Either Mr. A or Mr. B (2) Miss F

(3) Mr. A (4) Mrs. C