Cognizent PAPER

1. A says, " The horse is not black".
   B says, " The horse is either brown or grey."
   C says, " The horse is brown"
   At least one is telling truth and atleast one is lying. Tell the colour of horse.

   Answer: grey

2. A son and father go for boating in river upstream. After rowing for 1 mile son notices the hat of his father falling in the river. After 5 min. he tells his father that his hat has fallen. So they turn around and are able to pick the hat at the point from where they began boating after 5 min. tell the speed of river.

Ans.6 miles/hr

3. A+B+C+D=D+E+F+G=G+H+I=17 where each letter represent a number from 1 to 9. Find out what does letter D and G represent if letter A=4.

(8 marks)

Ans.   D=5
     G=1

4. Argentina had football team of 22 player of which captain is from Brazilian team and goalki from European team. For remaining player they have picked 6 from Argentinean and 14 from European team. Now for a team of 11 they must have goalki and captain so out of 9 now they plan to select 3 from Argentinean and 6 from European. Find out no. Of methods available for it (2 marks)

Ans. 160600(check out for right no. 6C3 * 14C6)

5 Three thieves were caught stealing sheep, mule and camel.
  A says, " B had stolen sheep "
  C says, " B had stolen mule"
  B says he had stolen nothing.
   The one who had stolen horse is speaking truth. The one who had stolen camel is lying. Tell who had stolen what? (5 marks)

Ans. A- camel
     B- mule
     C- horse

6. A group of friends goes for dinner and gets bill of Rs 2400 .Two of them says that they have forgotten their purse so remaining make an extra contribution of Rs 100 to pay up the bill. Tell the no. of person in that group. (3 marks)

Ans - 8 people

7. In a colony there are some families. Each of them have children but different in numbers. Following are conditions

  A> no of adult>no of sons>no of daughters>no of families.

  B>each sister must have atleast one brother and should have at the most 1 sister.

  C> no of children in one family exceeds the sum of no of children in the rest families.

  Tell the no of families. (5 marks)

Ans. 3 families

8.There are 6 people W,H,M,C,G,F who are murderer, victim, judge, police, witness, hangman. There was no eyewitness only circumstantial witness. The murderer was sentenced to death. Read following statement and determine who is who.

1. M knew both murderer and victim.
2. Judge asked C to describe murder incident.
3. W was last to see F alive.
4. Police found G at the murder site.
5 H and W never met.

(8 marks)

The above-mentioned questions are of 37 marks rest I don't remember, as they had no of condition. One, which mentions about hundustani music Gazals etc. is to be solved through Venn diagram. It's of 8 marks and another was grading 5 students, which was of 5 marks.