1) be * be = acb a,b,c,e are non zero numbers find b,e. ans) b=1 e=9

2) a,b,c,d,e are having numerical values. there are some conditions given

   a) a=c <===> b!=e

   b) difference between a and c as same as difference between c and b as same as difference between a and d

   c) c<a and c>d then find a,b,c,d,e

3) there are six cards in which it has two king cards. all cards are turned down and two cards are opened

  a) what is the possobility to get at least one king.

  b) what is the possibility to get two kings.

4) A person went to a shop and asked for change for 1.15paise. but he said that he could not only give change for one rupee. but also for 50p,25p,10p and 5p. what were the coins he had ans) 1-->50 4--->10p   1--->25p

5) there are 3 nurses and they work altogether only once in a week. no nurse is called to work for 3 consecutive days. nurse 1 is off on tueseday,thursday and sunday. nurse 2 is off on saturday. nurse 3 is off on thursday,sunday. no two nurses are off more than once a week. find the day on which all the 3 nurses were on work.

6) there are 5 persons a,b,c,d,e and each is wearing a block or white cap on his head. a person can see the caps of the remaining 4 but can't see his own cap. a person wearing white says true and who wears bloc says false.

  i) a says i see 3 whites and 1 block

  ii) b says i see 4 blocks

iii) e says i see 4 whites

  iiii) c says i see 3 blocks and 1 white. now find the caps weared by a,b,c,d and e

7) There are two women, kavitha and shamili and two males shyam, aravind who are musicians.
out of these four
   one is a pianist, one flutist, violinist and drummer.
   i) across aravind beats pianist

   ii) across shyam is not a flutist

   iii) kavitha's left is a pianist

   iiii) shamili's left is not a drummer

v) flutist and drummer are married.

8) 1/3 ed of the contents of a container evaporated on the 1 st day. 3/4 th of the remaining contents of the container

evaporated the second day. what part of the contents of the container are left at the end of the second day.

9) a man covered 28 steps in 30 seconds but he decided to move fast and covered 34 steps in 18 seconds. how

many steps are there on the escalator when stationary.

10) all fair skinned, rich, handsome, muscular, lean and employed are tall men

1) all lean men are muscular.

2) no fairskinned person who is not rich is handsome.

3) some muscular men are handsome.

4) all handsome are fairskinned.

5) no person who is neither fair skinned nor muscular is enplyed.

6) we unable to recall this condition and question also incomplete.

All others were more or less of the same model but different qs. This is just to give U an idea.

1)A,B,C,D,E related.4 of them made these statements each.
       i)C is my son in law's brother.
       ii)B is my father's brother.
       iv)A is my brother's wife.
who made these statements?(person mentioned is one of A,B,C,D,E)(10 marks).
2)e means belong.

All members of D e A.

Not all members of D e E.

Not all members of A e D.

All members of C e both A and B.some questions are asked about relatio   n.use venn diagram.(5 marks).

3)complete the table.

	Played	won	lost	draw	goals	goal for	against
A		2		2		1	
B		2	1		2		4

C   2   3   7   A,B,C are 3 hockey teams .(2 marks).

4) A says Party was held on :Thursday ,May 8th. B says Party was held on :Tuesday,May 10th. C says party was held on :Friday ,June 8th. Given April 1 st was Tuesday.one of A,B,C says 1 correct.one says 1 wrong.and one was completely wrong of date,Month and day. Find the Day the party held.   (5marks).

5) A ship is away from the shore by 180 miles.A plane is travelling at 10 times speed of the ship.How long from the shore will they meet?   (2marks)

6) Every station in N railroad issue everyother station's ticket. some stations are added.Now they have to issue 46 more tickets. say the No.of stations after and before added.(5 marks).

  7) 3 persons say these statements. A says either Democratic or liberal wins the elections. B says Democratic wins.C says neither democratic nor liberal wins the election.of these only one is wrong.who wins the election? (5 marks).

  8) A clock showing 6 o'clock takes 30 secs to strike 6 times.How long will it take to strike 12 at midnight?Ans.66 secs.(2marks)

9) Only boys aged > 16 wear coats. Boys aged 15 go to watch football.some more statements are given. What can be said about those who are watching football ? (age and costume) (5 marks).

10) There are 3 societies A,B,C having some tractors each. A Gives B and C as many tractors as they already have.
After some days B gives A and C as many tractors as they have. After some days C gives A and B as many tractors as they have. Finally each has 24 tractors.what is the original No.of tractors each had in the beginning? Ans.A -39. B- 21. C- 12.(7 marks).

11) 4,5 statements.From that find the answer.(7 marks). Reference books

1.) Puzzles and teasers by summer's

2.) Shakuntala Devi. (puzzles).