1. Maximum numbers that can be formed using all the 4 digits 6 4 8 1 without repetition and which is divisible

    by 9.(ans none)

2. Find the number of sides of a regular convex polygon whose angle is 40degrees.

3. a+b+c=0, then roots of $ax^2+bx+c=0$ is1.imag 2.real 3.coincidental 4.zero

4. Difference b/w the compound interest and simple interest for Rs.2500 for 2 years is given-----. find the rate of

    interest.

5. There was one more question on S.I and C.

6. The minimum number by which 60 is to be multiplied to generate a square.ans 15

7. A monkey climbs 6 mts and falls 3mts in alternate minutes.Then time taken to climb a tree 60metres high?

    a. 35 b.37 c.32 d.34 (think the answer is 37)

8. (This was the second last question) A bucket contains z drops. and it leaks x drops in t secs.then the time

    required to empty the bucket(in minutes)?

9. 6 pipes fill or empty the cistern. find the number of emptying pipes iff it takes 18hrs to fill and 18 hrs to

    empty.... (don't remember the question exactly)

10. The largest no: which is a factor of 1080 and 729

11 No: of spheres of radius 1 that can be got from sphere of radius (or diameter don't recall) 8

12. (think the last but three question)Travelling at 3/4th the speed a man is 20 minutes later then speed is??

13. There are 6 keys and 6 locks. then number of combinations to be tried out to get the actual solution

    a. 5^6 b.6^5 (don't remember the rest)

14. Choosing 2 people out of 10 in how many combinations can a particular person(some name) be always

   included....

15. From 6 white balls and 7 black balls probability that 2 balls drawn at random are of the same color?

16. If a sales man gets successive gain of 15% and 20% then his actual gain? ans. 38

17. A string of pearls such that 1/3 is lost and of that 1/4th is missing, remaining is 20 then actual number of pearls?

   ans. 40

18 A man gets a gain of x%. but if he had sold at twice the cost price, what will be his gain?(question not sure)

   a. 2x b.200-2x c.100+x (not sure of the options)

19. A clock was 7mts behind the actual time on 3 p.m. on wednesday and 8 mts ahead of actual time on (not sure)

   4 p.m. friday. when will it show the correct time?

20. Boat moves upstream in 6 hrs and covers the same distance downstream in 5 hrs. then speed of a raft

   floating?(accuracy of question not sure)

21. (this was the last question) no idea what it stands for........ some kind of notation like

   S(P(M((D(a,b),2))):P(M(S(D(a,b),.........options were

   1. ab 2.(a-b)^2 3.(a+b)^2

4.none

22. If x men working x hrs per day can do x units of work in x days, then y men working y hrs/day would be able to

   complete how many units of work i y days? ans. y^3/x^2 (question in R.S. Agarwal)

23 (this was a question in the first page of the section II booklet) a cone with radius----- and height -----. a

hemisphere covers the cone such that base of hemisphere meets that of the cone. then the enclose

volume.....(R.S.

Agarwal consists of similar questions)

24. There was one more question on volume and surface area

25. 1 Rs, 50 ps , 25 ps coins are in the ratio ---------, then the number of 50 ps coins if they sum to ------Rs.

(similar question in R.S.Agarwal)

26. There was one more question on coins i.e. abt getting a change of 10ps and 25 coins for ------Rs.(how many

possible combinations or so possible)

27. x/y+y/x=40/21(don't remember the exact value, believe this is the one) find x and ythere were 2 questions on

train and one was like:

28. A goods train starts and after 2 hrs a passenger train at 4km/hr starts and overtakes the goods train after 4 hrs,

then the speed of goods train?

29. 15hrs of boys work=6 hrs of women's work. 3/5 of the work is done by -----boys and -----women. How much

time would bethe question)

32. There was one question on triangle

33. A figure was given a square with four corners shaded and asked to find the area of the shaded portion.... ie area

of square-area of the regular octagon.....