

1. A person was collecting end pieces of Cigarettes. He was managed to collect 49 pieces. We need 7 such pieces to make new one. So how many Cigarettes he can make? (2 marks)
2. A person moving from a place(camp)., towards East one mile, then towards North half mile, towards West $\frac{1}{4}$ the mile, towards South $\frac{1}{8}$ th mile and again towards East $\frac{1}{16}$ th mile and so on. That is the distance between him and the starting point. (3 marks)
3. 500 men were arranged in 10 rows and 50 columns. They picked the oldest person from each row and the tallest of these persons is 'A'. They replace them in their places and again picked tallest person from each column and the shortest of these persons is 'B'. Assume A & B are different people. Who is the tallest person among A & B? (5 marks)
4. The product of two nonzero numbers is 1,000,000,000. What are the numbers ? (5 marks)
5. There is Mathematician. He met his friend and asked about his children. His friend told in the form of a problem that he has three children. The product of their ages is 36. The addition of their ages is the door number of his left side house. Mathematician went and checked the door number He told that the clues are not sufficient. He gave another clue that is his younger daughter is clearly younger. What are their ages ? (6 marks)
6. There is a light glows in the interval of 13 sec. It glows first at one hour 54 minutes 50 seconds and the last glow is at 3 hour 17 minute and 49 seconds. How many times is that light glow, with in these two times ? (2 marks)
7. After spending $\frac{1}{3}$ of money and then $\frac{1}{4}$ th of what remained and finally $\frac{1}{5}$ th of what remained, I found that I had Rs.100/- left. How much money I had at first ? (3 marks)
8. A Black Smith was given a chain torn into equal sections of 3 links each and asked to fix it. How many links(minimum) would he has to open up and reforge ? (1 mark)
9. There are six boxes, of which some boxes contain only red balls and some other boxes contain only Black balls. The number of balls in six different boxes are 5,6,12,14,23,and 29. If he sells

Another Set:

1. $\frac{1}{3}$ rd liquid in a container evaporates in first day. In the second day $\frac{3}{4}$ th remaining avaporates. How much is left over at the end of second day ?
2. first person : I am sure you are at least 40 years old and I am 5 years younger than you.
second person : I am 35 and you are atleast 5 years elder than me. None of these persons spoke truth. What are their ages ?
3. Orange cup has Orange Juice. White cup has apple Juice. 10 ml of Orange Juice is taken and mixed with Apple Juice. From that mixture

50 ml is taken and poured into Orange cup. Now whether apple Juice in Orange Cup is more or Orange Juice in White cup is more and by what amount?

4. Ms. Sheela goes her home by car from Station. Her driver comes and picks her up daily at 5.00 p.m. One day Sheela arrives at Station one hour earlier and starts walking towards home. On the way driver picked her up. By this they reached home 30 minutes earlier. For how long she was walking ?

5. Some students went on a trip to Goa in holidays. Unfortunately it rained on some days. In a surprising manner if it rained in the morning, they had a good afternoon and vice versa. They had 11 morning visits and 12 afternoon visits. Altogether it rained for 13 days during their stays. What is the duration of Holidays ?

6. A survey was conducted for 100 people by Door Darshan

1. 44 people watched channel I
2. 43 " " " II
3. 27 " " " III
4. 17 " " " I & II
5. 14 " " " I & III
6. 13 " " " II & III
7. 23 watched none.

How many watched I II & III ?

7. Two Swimmers at different rate but at constant Speed were swimming. They met at 18 meters from deep end. Both swimmers took rest for 4.5 seconds. During their return they crossed at 10 meters from ashlor end. What is the length of the pool ?

There are 5 q papers with them. this is only one of those.
All others were more or less of the same model but different qs. This is just to give U an idea.

The questions are not in order.

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.

iii)E is my mother in law.

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 E e D.

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 relation.use venn diagram.(5 marks).

3)complete the table.

Played won lost draw goals goals 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 issueeveryother station' s ticket. some stations areadded.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 30secs to strike 6 times.How long will it take to strike 12 at midnight?Ans.66secs.(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).
