Sample TCG Placement Test Question Paper With Solutions

Logical

1. Six friends a, b, c, d, e & f stood in a manner that no-one was in between b & d. a never stood last. e stood in the 3rd position

5 options were given from which we had to choose the possible sequence of their standing.

1. 5 persons & 4 languages. Each person knows 2 languages. Like – A knows Spanish & Japanese, B knows Italian & French, C knows French & Japanese, D knows Spanish & Italian, E knows Italian & Japanese. I don't remember the exact combinations.

Now if C & D want to communicate with each other who can be the best coordinator for them. Ans: All the other 4 members.

1. From the above conditions, if a new member is added to the group what 2 languages the new member must know to communicate with maximum number of members in the group?
2. In an amusement park six persons were going by 5 cars. Some conditions were given – X was sharing a car, Y was going behind an empty car & was not sharing any car. Z was behind W and ahead of T. Like this, I don't remember the exact conditions. Then 5 statements were given like - if X was in 3rd or 4th position Y would be ahead of Z etc…& we had to choose from those 5 statements, which one was not possible at all.

5-9 One sentence was given in each question & we had to fill in the gaps in the sentences choosing correct words from given options. I don't remember the sentences.

10-12 Questions were based on the following conditions -

2 walls of a room were required to paint with 6 colors purple, green, orange, red, yellow, blue such that

Each wall must be painted with 3 colors.

Sample TCG Placement Test Question Paper With Solutions

Purple and yellow must be painted on the same wall.

Blue and Orange must not be on the same wall.

2 walls must not be painted with the same combination of colors.

10. Which one is not a possible combination for any one wall? 4 options were given.

11. 4 options were given each containing 2 sets of colors, one set for one wall other set for another wall. Which set is possible?

12. One combination of 3 colors were given, we had to choose from 4 given options, which can be the other combination?

Quantitative

In this section some graphs were given & we were supposed to calculate and choose answer according to the graphs. I don't remember the questions (7-8 questions).

And I don't remember the exact sequence of question nos too.

q 2 train go from stations A to B. There are 2 stations a & b in between A & B.

Now arrival and departure times of the trains were given-

A	a(arr)	a(dep)	b(arr)	b(dep)	B
12:20	12:46	12:48	12:58	01:05	01:35
11:40	12:10	12:12	12:30	12:40	01:20

1. What was the ratio of average speeds between the 2 trains:

a) 4:3 b)7:6 c)6:5 d) can not be determined

1. If the 1st train was going in uniform speed then what is the distances between A to a and b to B :

a) 13:15 b)15:13 c) 7:6 d) can not be determined

Some questions were based on the following table.

Sample TCG Placement Test Question Paper With Solutions

Country	No of computers per 1000 person	No of telephone lines per 1000	Can't remember this field
USA	300	650	
England	200	480	
Japan	100	300	
Australia	10	50	
India	1	8	
China	2	12	

1. Taking all the 6 countries what is the average no of computers per 1000 person ?
2. In China if every computer owner has 2 telephone lines then what is the % of people having only telephone lines? ans 0.8%

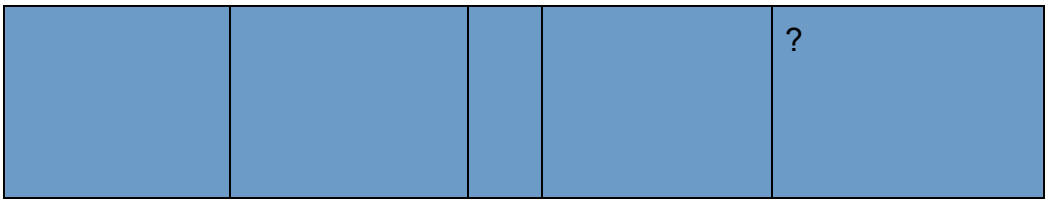
2 more questions were based on the above table, which I don't remember. Every question had 4 options.

Visual Analysis

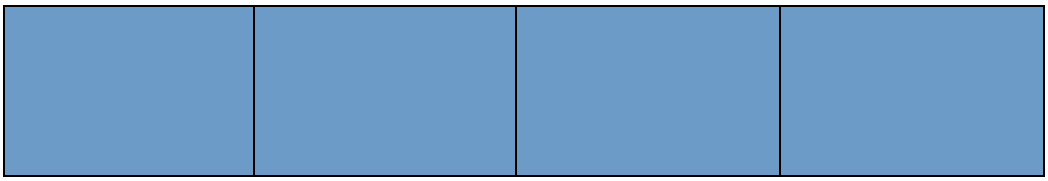
Sample TCG Placement Test Question Paper With Solutions

The problems in this section are same as those given in the book of R. S. Aggarwal, “Modern Approach to Verbal & Non-verbal Reasoning”, in the non-verbal reasoning section, chapter 2 - analogy.

It was the easiest part. I can remember one of them and drawing it for u. Rests were as easy as this one.



Answer options



(a) (b) (c) (d)

Ans: (c)

Programming ability

1.

START

INPUT N

S=0

I=0

No

S<=N OUTPUT N STOP

Sample TCG Placement Test Question Paper With Solutions

Yes

I=I+1

S=S+1

N=I

In the above flowchart what will be the value of N if Input

a) N =5

b) N=3

Ans: This loop was an infinite loop. So both answers will be 'infinite'.

2.

i = 0

p=2

do-while (N<=5)

i = i +1

if (i<=2)

p = i

End if

N = N+1

End while

Print p

Print I

What will be the outputs if input N=15 and N=5

1. Another same kind of loop-based problem was given. I don't remember the exact data. The structure of the loop was as follows

Initialization

Loop:

Sample TCG Placement Test Question Paper With Solutions

```
if (condition) goto Print
else
some statements
goto Loop Print: End
```