

## **HCL technologies paper at MANIT , bhopal ( 25<sup>th</sup> –26<sup>th</sup> july)**

Two section were there one section is aptitude ( 35 questions – 35 minutes ) and other is general technical awareness ( 25 qus-25 min ).

Each qus have 1 mark for correct and –1/4 for incorrect answer .

General technical awareness is very very simple need not to be send .It was based on c, c++ and computer awareness.

Q1. In a island there are people of two community type 'A' and type 'B'. people of this island can ask question only. Questions asked by type 'A' have correct answer YES and question asked by type 'B' have correct answer 'NO'.

Five question are based on this paragraph.

- 1) One person asked another person “am I a type of 'B'”? what is type of person who asked question.
  - a) type 'A'
  - b) type 'B'
  - c) either 'A' or 'B'
  - d) such question can not be asked.
- 2) person of type 'A' asked to his wife “ are we of same type” . What is type of his wife?

Three more question were there of same type read this paragraph carefully so that this does not take much time.

Q2 . There are six people A,B,C,D,E,F and five cars .cars are stand in sequence numbered 1 to 5 and each car can be share by two persons only.and conditions are

'A' will share car

'B' will sit alone

'F' will not share car with 'D' and 'E'

'D' will drive car 3<sup>rd</sup> or 4<sup>th</sup> car

'E' will drive a car which is behind the car with vacant seat.

Following are the qus based on this para

- 6) if 'D' are sit on the 3<sup>rd</sup> car how many different arrengment will be there.

total 7- 8 question asked from this paragraph search this qus. in GRE book. I don't remember the qus. And there ans because this was very tough .

## DATA SUFFICIENCY

Each question below is followed by two numbered facts. You have to determine whether the data given in the statement is sufficient for answering the question. Choose one of the following choices best fitting the question and mark A,B,C,D or E as explained below.

(B) If statement 2 alone is sufficient to answer the question, but statement 1 is not sufficient.

(D) If either statement by itself is sufficient to answer the question.

13. Is  $X = Y$ ?

ans: ( )

14. Is CAB a code word in language Q?

(2) If c immediately follows B, then C can be moved to the front of the code word to generate another word?

15. A dress was initially listed at a price that would have given the store a profit of 20 percent of the wholesale cost. What was the wholesale cost of the dress?

(2) The dress sold for 50 dollars.

16. If  $X$  and  $Y$  do not equal 0, is  $X/Y$  an integer?

(2) Y is even

17. What is the price of a banana?

(b) with a 50% discount on banana, Rs. 12 can buy 4 bananas and 5 oranges.

two deadly questions on series.

6.  $A+B=C+D$ ;  $A+C=B+D$  ;  $2A>B+D$ ;  $2C<B+D$ ; Find the arrangements of the letters

like

Q.NO.1&amp;2

A FACTORY produces a product (measured in cubic feet) over seven days as per the following schedule:

Day1	Day2	Day3	Day4	Day5	Day6	Day7
150	180	120	250	160	120	150

The finished goods are to be transported to the market by a truck having a capacity of 2000 cubic feet. Any finished goods (ready at the end of the day) retained overnight at the factory will incur a storage cost of rs.5 per cubic foot for each night of storage. The hiring cost for the truck is rs.1000 per day.

1.If the total cost of transportation and storage is to be minimized, the truck should operate on  
 (a) 2nd,4th,6th and 7th days  
 (b) only the 7th day  
 (c) 2nd,4th,5th and 7th days  
 (d) only on 4th and 5th days  
 (e) none of these

ans: ( )

2.if the storage cost reduces to re.0.80per cubic foot per night,the truck should operate on

(a)2nd,4th,5th and 7th days  
 (b)only the 7th day  
 (c)2nd,4th,5th and 7th days  
 (d)only on 4th and 5th days  
 (e)none of these

ans: ( )

6.if  $a+d=b+c$ ,  $a+e=c+d$ ,  $2cb+d$ , then

(a)  $a>b>c>d>e$   
 (b)  $b>a>d>c>e$   
 (c)  $d>b>c>a>e$   
 (d)  $b>c>d>e>a$   
 (e) none of these

ans: ( )

**Q21.** three students appear in a test but no one write there name on answer sheet .and they submitted their sheet to teacher . when teacher distributed their answer sheet . what is probability that no one get their own answer sheet.