

# PEROT SYSTEMS SAMPLE PAPER 1

## Set 1:

1.  $CBA + CCA = ACD$  given  $D=0$ , find B,C
2. Two cars(A & B)started to from two stations at the same time. Distance b/w the stations is 230 km. After 3 hours distance b/w them is 20 km. The speed of B increases by 10 km for every one hour. What is the ratio of their speeds?
3. There are 100 people.
4. I) Sonali s father knows that her mother s birthday falls after 25th of JAN and before 25th of FEB  
II) Sonali s brother knows that his mother s birthday falls after 23rd FEB and before 28th FEB

To find Sonali s Mother s birthday

- a) only I is sufficient
- b) only II
- c) both I and II are necessary
- d) insufficient data

## Set 2:

- 2). The layer in the OST model handles terminal emulation
  - a) session
  - b) application
  - c) presentation
  - d) transportAns: b application

- 4) Q. In signed magnitude notation what is the minimum value that can be represented with 8 bits
  - a) -128
  - b) -255
  - c) -127
  - d) 0

Windows system

- 12) b has to be unique in the sub network

13)Q. there is an employer table with key feilds as employer no.data in every n th row are needed for a simple following queries will get required results.

- a) select A employe no. from employe A , where exists from employe B where A employe no.  $\geq$  B employe having  $(\text{count}(\ast) \bmod n) = 0$
- b) select employe no. from employe A, employe B where A employe no.  $\geq$  B employe no. grouply employe no. having  $(\text{count}(\ast) \bmod n = 0)$
- c) both a & b
- d) none of the above

14) Type duplicates of a row in a table customer with non uniform key field customer no. you can see

- a) delete from customer where customer no. exists ( select distinct customer no. from customer having count )
- b) delete customer a where customer no. in b rowid
- c) delete customer a where customer no. in ( select customer no. from customer a, customer b )
- d) none of the above

### Set 3:

1. what does the hexanumber E78 in radix 7.

- (a) 12455
- (b) 14153
- (c) 14256
- (d) 13541
- (e) 131112

Ans: (d)

2. Q is not equal to zero and  $k = (Q \times n - s)/2$  find n?

- (a)  $(2 \times k + s)/Q$
- (b)  $(2 \times s \times k)/Q$
- (c)  $(2 \times k - s)/Q$
- (d)  $(2 \times k + s \times Q)/Q$  (e)  $(k + s)/Q$

3. If B occurs which must occur

- (a) D
- (b) D and G
- (c) G and H
- (d) F and G
- (e) J ans: (a)

4. If J occurs which must have occurred

- a) E
- (b) either B or C
- (c) both E & F
- (d) B

(e) both B & C

Ans: (b)

5. which may occurs as a result of cause not mentioned

(1) D (2) A (3) F

(a) 1 only (b) 2 only (c) 1 & 2 (d) 2 & 3 (e) 1,2,3

Ans: (c)

6. E occurs which one cannot occurs

(a) A

(b) F

(c) D

(d) C

(e) J

Ans: (b)

#### Set 4:

1. Speed from a to b is 40 km/hr and avg speed from b to a 50 km/hr. total average speed?  
a) 50 b)24 c)48
2. Time & work questions: some men finish a work in 100 days. If 10 men leave then they will finish in 10 days more. What is the original no. of men?
3. Arun give some money to Gopal ,Gopal gave 40% to Suresh. How much was with Arun initially???
4. A finishes in 15 days B in 20 days C in 25 days. How many days they will take if they all work together?
5. Radius of sphere is 10 cm. How much % is surface area of volume  
a)30% b) 25%.....
6.  $a+b=45$   $b+c+d=70$  what is  $a+b+c+d$ ?  
a) 50 b) data inadequate
7. There is 100 ml sol of wine and water in A and B if 10ml is taken from a and put it in b and then 10 ml from b put in to A . Which jug has more solution.
8. A RECTANGLE OF Size  $78*63$ .Cut the rectangle into squares of 1 units. Draw a diagonal through the rectangle. Through How many squares diagonal pass through.?  
a) 138 b)139 c)141  
d)139 e)140
9. a question on  $8*8$  chessboard what is the no. of adjacent squares? i don't remember the

question.

a) 216 B) 228..... 208

10. Mountain hiking: A person starts at 2:00 in the Friday afternoon. a person does not move with constant speed. reaches mountain top in 4 hrs. he again starts at 2:00 on Saturday and reaches bottom in 3 hrs, what is the probability that he was at the same point as he was on Friday..

a) 0 b) 1 c)  $\frac{1}{2}$  d)  $\frac{1}{4}$

11. 12,32,72,152,.....ans(312)