

## Section-I

1). Piggy backing is

a technique for

a) Flow control b)

sequence c) Acknowledgement d) retransmission

ans: c piggy backing

2). The layer in the OST model handles terminal emulation

a) session b) application

c) presentation d) transport

ans: b application

3) 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 employee A , where exists from employee B

where A employe no. >= B employe having (count(\*) mod n)=0

b) select employee no. from employee A, employee B where

A employe no. >= B employ no. grouply employee no. having  
(count(\*) mod n=0 )

c) both a& b

d)none of the above

4) type duplicates

of a row in a table customer with non uniform key feild

customer no. you can see

a) delete from costomer

where customer no. exists ( select distinct customer no. from customer  
having count )

b) delete customer a where customer no. in (select customer b where

customer no. equal to b customer no. ) and a rowid > b rowid

c) delete customer a where customer no. in (select customer no.

from customer a, customer b )

d) none of the above

## SECTION-II

1) long int size

a) 4 bytes b) 2 bytes c) compiler dependent d) 8 bytes

ans: compiler dependent

note: order of a,b,c,d are doubt but answer is correct.

2) x=2,y=6,z=6

x=y=z;

printf("%d",x) ?

3) one question on: -=+,\*=-,/=\* etc

then 10/5\*45=?

4)

define max 10

main()

{int a,b;

int \*p,\*q;

a=10;b=19;

p=&(a+b);

q=&max;

}

- a) error in  $p = \frac{a+b}{2}$  b) error in  $p = \frac{a+b}{2}$  c) error in both  
d) no error

### SECTION-III

following are not in  
order:

1.  $M > D > Y$  ans: (a)
2. 10 in 4 seconds,  
? in 6 minutes =  $10 \times 6 \times 60 / 4 = 900$  ans: (a)
3.  $100(1000000000 + 1000000000) / 10000$   
=  $2 \times 10000000$  (ans).
4. 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)  $(k + s) / Q$
5. If A occurs which  
of the following must occurs  
I. F & G  
II. E and H  
III. D  
(a) I only (b) II only (c) III only (d) I, II, & III (e)  
I & II (or) II & III but not both ans: (e)
6. If B occurs which  
must occur  
(a) D (b) D and G (c) G and H (d) F and G (e) J ans: (a)
13. 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)
14. 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)
15. E occurs which  
one cannot occurs  
(a) A (b) F (c) D (d) C (e) J ans: (b)