1) OS is transparent to a) RAM b)cpu c)cache d)none

2) P1 and p2 are two processors. both will run according to SRTF. If p1 wants to do I/O operation then which of the foll is correct?
a)p1 goes for I/O come back and again start executing
b)p1 goes for I/O p2 start executing after I/O is complete of p1 goes end of ready queue to get executed
c)p1 leaves p2 enters
d)p1 goes for I/O meanwhile p2 start when p1 completes its I/O p1 again comes back and start executing

3) Page replacement question we have to use FIFO criteria some string was given we have to find number of page faults?

4) FTP uses what port number?

5) If webpage www.bitspilani.ac.in which has 10 objects is requested then how many port number is to be requested
a)10   b) 1   c)and d)sorry don't remember option

6) L1= {ab,bb} L2={ba,bb} then L1L2 n L2L1

7) There are 3 Beads, 2flowers, 4crystal in how many ways you can arrange them to form necklace?

8) DBMS provides
a) data independence   b)data security   c)data integrity d)data encryption

9)RDBMS has
a)multiple logical schema & multiple physical schema
b) single logical schema & single physical   schema
c)multiple logical schema &   single physical schema
d) single logical schema & multiple physical schema

10) In-order and post-order given find pre-order

11) which sequence If inserted in AVL tree will cause No adjustment in tree?
a) 1 2 3 4 5
b)5 4 3 2 1
c)3 2 4 1 5
d)4 3 1 2 5

12) Which traversal gives us sequence in sorted order?

13) stripping vs. mirroring which of the foll is incorrect ?
a)stripping is cheaper than mirroring
b) mirroring is faster for only write operation
c)in stripping data is read from many disk at a time
d)don't remember

14) Hazards are in which strategy
a) pipeline   b) data transfer   c)&d) don't remember

15) swap (int *a, int*b)

{

Int *t;

t=*a;

*a=*b;

*b=t;

}

Void run()

{

Int x=10,y=20;

Swap(x,y);

Printf("%d",x,y);

a)will print 10   20

b) will print 20   10

c)error assignment not proper

d)don't remember

16)union s

{

Int a;

Char c;

Double d;

}

Size of int is 4 bytes, size of char is 2 bytes, size of double is 5 bytes   then what will be the size of union   some options were given

17)To sort the foll numbers which algorithm will suit the best
(i) 1 to 100 integers   (ii) 0 to 1000000 integers
a)bucket sort for both
b) (i)radix sort   (ii)quick sort
c) (i)quick sort   (ii)merge sort
d) (i) merge sort (ii)quick sort

18)what is the argument of z=1+i?

19)when 8259 works in cascaded mode with 8086 what is reqd
a)icw1 & icw2 are required
b) icw1, icw2 ,icw3 & icw4 are required
c) icw1, icw2 are required
d) icw1, icw2, icw3 are required

20) which job you will apply _____ in future
a) for   b) to   c) among   d)don't remember

21) when people are involved which model is used(software engineering)?