

IBM Sample Paper

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Company : IBM
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College :

1. The operator which is not left associative is
+ - , = % Ans : =
2. Gaussian analysis of lexican og N
N N² Nlog2N N²log2N
3. The files having the records of 10, 15, 20, 5, 15 to be merged to a single file.How many times the file access should be performed.
Ans : 25
3. Software configuration really means that
 - a. Identifying & config. S/W for devlmnt.
 - b. “ “ ‘ H/W “
 - c. “ “ “ H/w&S/W “
 - d.
4. Paging
 - Dividing mem. And prog. Into blocks of equal sizes
 - Mem. Swapping of prog. b/W core & harddisk
 - Multiprogram switching b/w core & hard disk
 - Processor time
 - None
5. void main()
{ printf(“%u “,main);
}
6. int polygon l,b;
polygon=(l==b)?1:0;
7. printf(“%x”,-1<<4);
8. Real time system
 - Crash analysis of a bridge
 - Automobile design software
 - Robotics in controlling m/c
 - Credit card system
 - Aircraft reservation system
9. Sorting of very large array is done by
Ans : Storing in linked list & sorting them
10. Dividing of modules is meant for
Ans : For testing purpose
11. char const *p=“Hello”;

- ```
char *const s="Hello";
```
- 1). p[0]="M" 2)s="Bye" 3).s[0]="m" 4)p="Bye"  
Out of which will work properly
12. Which of the following will not interrupt the process  
a. Ans : ctrl+cc
13. Which software model is efficient one.  
Ans: Water fall model (not sure)
14. binary(0.4375) ?
15. The value of root node is greater than that of leaf is in  
Ans :(not sure) tree
16. Data Integrity means ?
17. Which of the scheduling alg. Is having highest throughput  
Ans : Shortest job first
18. Faster memory is Ans : cache