Roll No………

TIME: 01:30 Hrs.

M.M. – 70

A. Attempt any twenty

1. List down any two characteristics of a good achievement test.
2. Mention any two uses of lesson plan.
3. Give any two principles of programmed instruction.
4. State any two differences between micro teaching and traditional teaching.
5. What is cognitive domain according to Bloom?
6. Mention any two assumptions of CAI.
7. State any two educational uses of MS - Excel.
8. Give any two advantages of lecture method.
9. Write down any two uses of a note pad.
10. Give any two uses of the command "Hyperlink" in MS word.
11. Mention any two uses of the command "Save As" in MS Word.
12. State any two important uses of MS Excel.
13. Mention any four essential infrastructures required for computer laboratory.
14. Give an account of variable in C Language
15. What are the advantages of Radio broadcasts?
16. Mention the advantages of Projectors?
17. What is a 'Web - Page'?
18. Explain the term multimedia.
19. Mention the necessities of evaluation of teachers.
20. What is the difference between e-mail address and e-mail ID?
21. What is the meant by "Class room interaction analysis?"
22. Explain the term 'Hard Were'
23. State different 'Operators' in C- language
24. What is the purpose of graphic frame?

B. Attempt any ten

1. **Which data management language component enabled the DBA to define the schema components ?**
   (A) DML
   (B) Sub-schema DLL
   (C) Schema DLL
   (D) All of these

2. **Generalization is _____ process.**
   (A) top-down
   (B) bottom up
   (C) both (A) & (B)
   (D) None of these

3. **What is the most appropriate data structure to implement a priority queue ?**
   (A) Heap
   (B) Circular array
   (C) Linked list
   (D) Binary tree

4. **In a complete binary tree of n nodes, how far are the two most distant nodes ? Assume each edge in the path counts as !**
   (A) About log2n
   (B) About 2 log2n
   (C) About n log2n
   (D) About 2n

5. **End-to-End connectivity is provided from Last-to-Last in**
   (A) Network layer
   (B) Session layer
   (C) Transport layer
   (D) Data link layer

6. Which of the following is the most general phase structured grammar?
(A) Regular
(B) Context-sensitive
(C) Context free
(D) None of the above

7. Which of the following is used for grouping of characters into tokens (in a computer)?
(A) A parser
(B) Code optimizer
(C) Code generator
(D) Scanner

8. In an absolute loading scheme, which loader function is accomplished by a loader?
(A) Re-allocation
(B) Allocation
(C) Linking
(D) Loading

9. Remote Computing Service involves the use of time sharing and _____.
(A) multi-processing
(B) interactive processing
(C) batch processing
(D) real-time processing

10. Top-down design does not require
(A) step-wise refinement
(B) loop invariants
(C) flow charting
(D) modularity

11. At any given time Parallel Virtual Machine (PVM) has _____ send buffer and _____ receive buffer.
(A) one-one
(B) one-two
(C) two-two
(D) two-one