

B R A BIHAR UNIVERSITY, MUZAFFARPUR
DIRECTORATE OF DISTANCE EDUCATION
SHORT TERM COURSE: MODEL QUESTIONS (COMPUTER TEACHER'S
TRAINING-1ST PAPER)
COMPUTER ORGANISATION

- Q. 1. What is the purpose of an input unit of a computer?
- Q. 2. What is a Video Display Unit? What is its use?
- Q. 3. What is a Floppy Disk?
- Q. 4. How is data stored in a floppy disk?
- Q. 5. What are the various types of output units?
- Q. 6. What devices are used to point to locations on the screen?
- Q. 7. Write and explain representation of characters in computer system.
- Q. 8. Solve the calculations: a) $(10111)_2 - (1011)_2$ b) Multiply $(110)_2$ by $(101)_2$
- Q. 9. Define Logic Circuits. Also explain basic logic gates(AND, OR, NOT).
- Q. 10. Why Boolean algebra relevant in the design of logic circuits of computers?
- Q. 11. State the postulates of Boolean Algebra.
- Q. 12. Show that $(A + B) \cdot (A + C) = A + B \cdot C$.
- Q. 13. What is the difference between a conductor, a semiconductor and an insulator?
- Q. 14. What is a n-type silicon and a p-type silicon?
- Q. 15. Write short notes on any two:
- a.) Cache Memory b.) ROM c.) Virtual Storage Technique. .