

2015

Full Marks : 75

Time : 3 hours

The questions are of equal value

Answer **five** questions including Question 1 which is compulsory

1. Discuss the features of computer emerging applications with advantages and disadvantages.
2. Define personal computers. Explain the generation of computer.
3. Briefly explain types of printer with their features.
4. Write short notes on *any two* of the following :
 - (a) External storage devices
 - (b) Super and mainframe computer
 - (c) Binary addition and 2's complement representation
 - (d) Number system and conversion rules.
5. Discuss the performance parameters of system with different processing modes. Briefly explain the real time processing.
6. What do you mean by DOS and Windows systems? Explain any five internal and external DOS commands.
7. Explain 8086 or 8088 architecture of Intel processor.
8. Define algorithm and discuss the various symbols and techniques used in flowchart for representing data flow control.
9. Explain programming languages. Discuss the need of structured programming.
10. What do you mean by COM, BIN, SYS, EXE AND TEXT files? Also explain Boot process in IBM PC.
