

Section-A

Multiple Choice Questions (MCQ's)

- Q.1 Choose the correct answer for each from the given option:**
- (i) All the physical equipment of computer system are termed as _____.
 (a) Software (b) Hardware (c) Firmware (d) Liveware
- (ii) _____ is known as the father of computing.
 (a) William Oughtred (b) Blaise pascal
 (c) Charles Babbage (d) John Napier
- (iii) There are basically _____ registers.
 (a) Eight (b) Ten (c) Fourteen (d) Sixteen
- (iv) Desktop, Laptop and Hand-held computers are exmple _____ of computers.
 (a) Microcomputer (b) Minicomputer
 (c) Mainframe computer (d) Supercomputer
- (v) The device that enables the computer to make dialup networking is _____.
 (a) Mouse (b) Monitor (c) Modem (d) Keyboard
- (vi) Printer resolution is usually measured in _____.
 (a) Data per inch (b) Character per inch
 (c) String per inch (d) Dots per inch
- (vii) RAM is _____ memory.
 (a) Volatile (b) None-Volatile (c) Permanent (d) Secondary
- (viii) CPU stands for _____.
 (a) Controlling power unit (b) Central Processing Unit
 (c) Central Processor unit (d) Controlling Processing Unit.
- (ix) The Command that clears the screen is:
 (a) CLEAR (b) CLS (c) CLR (d) CLEAN
- (x) The base of Hexadecimal number system is _____.
 (a) 2 (b) 8 (c) 10 (d) 16
- (xi) 1 Kilobyte = _____ Bytes.
 (a) 1000 (b) 1012 (c) 1024 (d) 1028
- (xii) A Serial port has _____ pins.
 (a) 9 or 25 (b) 9 or 30 (c) 9 or 35 (d) 9 or 40
- (xiii) Dot matrix and Daisy wheel printers are examples of _____.
 (a) impact printer (b) Non- Impact printer
 (c) Laser printer (d) Ink-jet Printer
- (xiv) The 1's complement of 1011 binary number is _____.
 (a) 0100 (b) 0011 (c) 0111 (d) 0101
- (xv) _____ is a storage device that stores data serially.
 (a) Floppy Disk (b) Magnetic Tape (c) Compact Disk (d) Hard Disk

Section-B (Short Answers)

Note: Answer any NINE of the following questions. Each question carries 4 marks.

- Q.2 Define arithmetic & Logic unit and Control unit.
- Q.3 What is the difference between Hardcopy and Softcopy.
- Q.4 Define ROM and its types.
- Q.5 Discuss 5th generation of computer
- Q.6 Differentiate between high level language and low level language.
- Q.7 What is an operating system.
- Q.8 Deifferentiate between Data and Information.
- Q.9 Convert the following into required base.
 (i) $(1232)_8 = (?)_{10}$ (ii) $(AC1)_{16} = (?)_{10}$ (iii) $(1001111)_2 = (?)_{10}$
- Q.10 What are laws of Boolean Algebra.
- Q.11 Differentiate between Analog computer and Digital computer.
- Q.12 Define Mouse and Joystick.
- Q.13 Define any TWO of the following DOS commands.
 (i) Prompt (ii) MD (c) CLS

Section-C (Descriptive)

Note: Answer any THREE of the following questions in detail.

- Q.14 Define Scanner and its type.
- Q.15 Define port. Compare and contrast serial port and parallel port.
- Q.16 Define Various type of Data.
- Q.17 Define the term Bus. What is the purpose of Control Bus.
- Q.18 Explain any TWO of the following:
 (i) Icon (ii) My Documents (iii) My Computer