



**KERALA STATE RUTRONIX**  
**Fundamentals of Computer & Operating System**  
(CTTC, CPPTTC, CWPDE, PDDTP, PDCFA, DCA, DCA-FT, DOA)

Question code  
**A1**

**Time : 2 hours**

**Maximum Marks : 100**

**Note: Write the answers for Questions from 1 to 35 in the MCQ answer sheet**

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**Part - I Choose the most appropriate answer**

**(10 x 1 Mark = 10 Marks)**

- 1) The interpreter translates the source program in ..... scheme.  
a) Line by line                      b) Paragraph by paragraph      c) Instruction by instruction      d) None of these
- 2) ..... is a wireless local area network.  
a) Blue tooth                      b) Wi-Fi                              c) Fire wire                          d) None of these
- 3) The principal electronic payment system for electronic commerce is .....  
a) Credit card                      b) Digital wallet                      c) Electronic cheque      d) All of these
- 4) ..... is a volatile memory.  
a) Compact disc                      b) Ram                                  c) Flash drive                          d) Hard disk
- 5) Which device works as an input and output device?  
a) Monitor                              b) Modem                              c) Printer                              d) OCR
- 6) Portable program means .....  
a) Program with wheels    b) Independent from its authors  
c) Independent of platform    d) None of these
- 7) Memories which can be read only are called .....  
a) ROM                                      b) RAM                                      c) EEPROM                              d) Dynamic memories
- 8) The radix of Binary number system is .....  
a) 3    b) 1    c) 4    d) 2
- 9) Magnetic tape uses ..... access method.  
a) Random                                      b) Sequential                              c) Direct                                      d) None of these
- 10) Which of the following holds the ROM, RAM and CPU?  
a) Hard disk                                      b) ALU                                      c) Mother board                              d) None of these

**Part- II Fill in the blanks**

**(15 x 1 Mark = 15 Marks)**

- 11) The device used for data transmission through telephone lines is .....
- 12) The DOS command used to scroll when the screen is filled is .....
- 13) Typical storage capacity of a DVD optical disk is .....
- 14) ..... is a method of sending text or graphic images over Internet to specified recipients.
- 15) ..... is a humanoid robot created by Honda Motor Company.
- 16) ..... symbol represents an assignment in flow chart.
- 17) Vacuum tubes are used in ..... generation computers.
- 18) USB is a ..... pin connector.
- 19) ..... devices were developed to assist the banking industry in processing large volume of cheques.
- 20) The list of pages you have viewed since last time you started your web browser is known as .....
- 21) Two non impact printers are ..... and .....

- 22) ..... is the smallest element of information used by a computer.
- 23) The only language understood by the computer is .....
- 24) The largest and the most well known example of a WAN is the .....
- 25) Loading the minimum operating system from the boot sector of a secondary storage device to the Primary memory (RAM) of a computer is known as .....

**Part - III State whether true or false**

**(10 x 1 Mark = 10 Marks)**

- 26) Networks provide a very rapid method for sharing and transferring files.
- 27) Drum printer is a type of character printer.
- 28) High level languages are also called third generation languages.
- 29) Bing is a Search Engine.
- 30) Pen drive is a type of flash memory.
- 31) Fire Fox is a web browser.
- 32) Keyboard is a pointing device.
- 33) MS-DOS is an example of command user interface.
- 34) Pentium-4 is the name of a microprocessor created by Intel.
- 35) Java is an example of low level language.

**Part - IV Expand the following**

**(10 x 1 Mark = 10 Marks)**

- |           |            |
|-----------|------------|
| 36) LASER | 41) AGP    |
| 37) CAD   | 42) BCD    |
| 38) CRT   | 43) ASCII  |
| 39) FTP   | 44) MAN    |
| 40) NIC   | 45) EEPROM |

**(Part V, Part VI എന്നിവയുടെ ഉത്തരങ്ങൾ മലയാളത്തിലും എഴുതാം)**

**Part - V Write Short Notes on (Any Seven)**

**(7 x 5 Marks = 35 Marks)**

- 46) Plotter and its types.
- 47) Types of Operating System.
- 48) Mark recognition and Character recognition devices.
- 49) Five internal DOS commands.
- 50) Five Pointing Devices.
- 51) Intranet and Extranet.
- 52) Application Software.
- 53) DVD and Blu-ray Disc
- 54) Digital and Analog Computer.
- 55) Five types of Computer Virus.

**Part - VI Explain the following (Any Two)**

**(2 x 10 Marks = 20 Marks)**

- 56) Classification of Memory based on technology.
- 57) Different Input Devices.
- 58) Basic Computer Organization.
- 59) Types of Printers.