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

Time : 2 hours   **Maximum Marks : 100**

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

Part- I Choose the most appropriate answer   (10 x 1 Mark = 10 Marks)

1) Which one is a search engine?

   a) NCSA Mosaic   b) Altavista   c) Netscape Navigator   d) Opera

2) ………………… is a valid LINUX command.

   a) Rat   b) Mouse   c) Cat   d) Cls

3) Rebooting while the computer system is on is known as ………………… booting.

   a) Cold   b) Warm   c) Hibernate   d) None of these

4) Which of the following storage type is volatile?

   a) Flash memory   b) DVD   c) RAM   d) CD-ROM

5) A private network inside a company or organization is called …………………

   a) Telnet   b) Extranet   c) Internet   d) Intranet

6) The operating system manages …………………

   a) Memory   b) Disk and I/O Devices   c) Processor   d) All of these

7) ………………… scans a set of vertical bars of different width for specific data.

   a) OMR   b) MICR   c) Bar-Code Reader   d) OCR

8) Which of the following is used for data transmission through telephone lines?

   a) Router   b) Gateway   c) Modem   d) Bridge

9) Which of the following is not an example of operating system?

   a) Ubuntu   b) Red Hat Linux   c) Windows Me   d) Open Office

10) Find the odd one out.

   a) Keyboard   b) OMR   c) CRT   d) Mouse

Part- II Fill in the blanks   (15 x 1 Mark = 15 Marks)

11) ………………… symbol separates username and domain name in an e-mail address.

12) 1 GB = ………………… MB.

13) ………………… is a radio standard and communication protocol that exchanges information between devices such as mobile phones, laptops etc.

14) The resolution of computer screen is expressed in ………………… per inch.

15) A ………………… is actually a node on a network that serves as an entrance to another network.

16) ………………… is a display device that can detect the presence and location of a touch within the display area.

17) 2's complement of 10101101 is …………………

18) The ………………… command is used to remove a directory with all its files and subdirectories.

19) In Binary Coded Decimal, each decimal digit is represented using …………………

20) ………………… is a method of sending text or graphic images over Internet to specified recipients.

21) The largest and the most well known example of a WAN is the …………………

22) ………………… port is used for networking.

23) ………………… rearranges data on hard disk so that each file occupies a single contiguous space.

24) The short cut key for print option is …………………

25) The first graphical web browser is …………………

Part - III State whether true or false   (10 x 1 Mark = 10 Marks)

26) Audio port is used to attach a joy stick or other video game controller.

27) Magnetic and optical devices are generally volatile.

28) Normal hard disk drive is an electronic type of memory.

29) Line printer is an example of Non-Impact printer.

30) Attrib is an internal command in DOS.

31) In Blue-ray disk technology, an infrared laser is used for reading and writing.

32) LINUX is case sensitive.

33) Bing is a search engine.

34) LINUX is a single user operating system.

35) FORTRAN is an example of low level language.

Part - IV Expand the following   (10 x 1 Mark = 10 Marks)

36) GNU   41) URL

37) MICR   42) HTML

38) USB   43) CD-ROM

39) VGA   44) LCD

40) VLSI   45) DVD

(Part V, Part VI എന്നിവയുടെ ഉത്തരങ്ങൾ മലയാളത്തിലും എഴുതാം)

Part - V Write short notes on (*Any Seven*)   (7 x 5 Marks = 35 Marks)

46) Elements of Windows screen.

47) Language Processors.

48) Different types of ROM.

49) Difference between Switch and Router.

50) Blue-ray Disc.

51) Difference between Internet and Intranet.

52) Wi-Fi

53) Types of Operating system.

54) Five Internal DOS commands.

55) Difference between LINUX and other Operating Systems.

Part - VI Explain the following (Any Two)   (2 x 10 Marks = 20 Marks)

56) Output Devices.

57) Types of Printers.

58) Network Topology.

59) Communication Protocols.