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Roll No.

170814/031323/1323N

**1st Sem / Branch : Computer
Subject:- Computer Fundamentals and
Information Technology**

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory $(10 \times 1 = 10)$

Q.1 The two kinds of main memory are (CO1)

- a) Primary and Secondary
- b) Random and Sequential
- c) ROM and RAM
- d) All of the above

Q.2 Microprocessor as switching devices are for which generation computer? (CO1)

- a) First Generation b) Second Generation
- c) Third Generation d) Fourth Generation

Q.3 What does EBCDIC stand for? (CO1)

- a) Extended Binary Coded Decimal Interchange Code
- b) Extended Bit Code Decimal Interchange Code.
- c) Extended Bit Case Decimal Interchange Code.
- d) Extended Binary Case Decimal Interchange Code

Q.4 Linux is a/an _____ Operating System. (CO1)

- a) Open Source b) Microsoft
- c) Windows d) Mac

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Q.5 Underlined text, such as text and folder names are referred to as (CO5)

- a) Hyperlink
- b) Menu
- c) Source drive
- d) None of these

Q.6 Word processing software is a type of (CO5)

- a) Operating System
- b) Application Software
- c) Both a & b
- d) None of the above

Q.7 Location of a resource on Internet is given by (CO7)

- a) Email
- b) IP
- c) Protocol
- d) URL

Q.8 A program that can retrieve files from the world wide web and render text, images and sounds encoded in the files. (CO7)

- a) Browser
- b) Internet
- c) Server
- d) Web server

Q.9 Data communication system within a building or campus is (CO7)

- a) MAN
- b) LAN
- c) WAN
- d) None of these

Q.10 Identify the full form of HTTP? (CO7)

- a) Hyper Text Transfer Protocol
- b) Hyper Text Transfer Package
- c) Hyper Transfer Text Package
- d) Hyper Transfer Text Practice

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SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Name any two output devices? (CO1)

Q.12 ROM stands for _____ (CO1)

Q.13 What is positional number system? (CO1)

Q.14 Define Menu. (CO5)

Q.15 What is file? (CO5)

Q.16 Write two characteristics of algorithm. (CO1)

Q.17 What is remote login? (CO3)

Q.18 A _____ symbol is used at the beginning of a flowchart. (CO1)

Q.19 URL stands for _____ (CO7)

Q.20 What is Internet? (CO8)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Difference between primary and secondary memory. (CO1)

Q.22 Convert the following (CO1)

a) $(837)_{10} = (?)_8$ b) $(ABF)_{16} = (?)_2$

Q.23 Explain EBCDIC coding scheme. (CO1)

Q.24 What are the main functions of operating system? (CO1)

Q.25 How you will format a floppy disk in windows? (CO1)

Q.26 Explain file commands of DOS. (CO1)

Q.27 What are different connection methods in Internet? (CO8)

Q.28 What are the advantages of Computer network?
(CO7)

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Write the steps for algorithm development with example? (CO1)

Q.37 What is Internet? Write four advantages and disadvantages of Internet. (CO8)

Q.38 Explain the procedure for changing resolution, appearance and screen saver option of the display. (CO3)