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Roll No.....

1<sup>st</sup> Year Annual Pattern (Re-app)

Branch : Computer Engineering

Subject : Computer Fundamentals

Time : 3 Hrs.

M.M. : 60

### SECTION-A

**Note:** Multiple Choice Questions. All Questions are compulsory. (6x1=6)

Q.1 Flowcharts and Algorithms are used for :

- a) Better Programming
- b) Easy testing & debugging
- c) Efficient coding
- d) All above

Q.2 Which of the following computer networks is built using USB cable?

- a) LAN
- b) MAN
- c) WAN
- d) PAN

Q.3 \_\_\_\_\_ symbol is used to connect relationships between the shapes.

- a) Connector
- b) Terminal Box
- c) Input/Output
- d) Process

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Q.4 The equipment needed to allow home computers to connect to the internet is called a \_\_\_\_\_.

- a) Monitor
- b) Switch
- c) Modem
- d) Peripheral

Q.5 A user can get files from another computer on the internet by using

- a) HTTP
- b) TELNET
- c) UTP
- d) FTP

Q.6 A wireless network uses \_\_\_\_\_ waves to transmit signals.

- a) Sound waves
- b) Radio waves
- c) Infrared waves
- d) None of the above

### Section-B

**Note:** Objective/Completion type questions. All questions are compulsory. (6x1=6)

Q.7 DOS stands for \_\_\_\_\_.

Q.8 Define software.

Q.9 What is an E-mail?

Q.10 Define ISP.

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Q.11 What is debugging.

Q.12 Expand ISDN\_\_\_\_\_.

### Section-C

**Note:** Short answer type Questions. Attempt any Eight questions out of Ten Questions. (8x4=32)

Q.13 what is MODEM and its functions.

Q.14 Difference between algorithm and flowchart.

Q.15 Write various steps involved in installation of a printer using control panel.

Q.16 Difference between Internet and Intranet.

Q.17 What is ISDN and explain its elements?

Q.18 What is internet security and how can we secure our system.

Q.19 Write an algorithm as well as flowchart to find the average of five numbers.

Q.20 Define WWW and its key components.

Q.21 What is search engine? Explain with the help of examples.

Q.22 Define computer network and its types.

### Section-D

**Note:** Long answer questions. Attempt any Two question out of Three Question. (2x8=16)

Q.23 Explain all the steps involved in problem solving.

Q.24 What are the difference between LAN, MAN and WAN.

Q.25 Write step by step procedure to change the system date, time and screen saver.