

No. of Printed Pages : 4

Roll No.

170814

1st Sem. / Computer Engg.

Subject : Computer Fundamentals and IT

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note:Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1
- a) _____ is considered to be the father of modern digital computers.
 - b) Define Data.
 - c) What do you mean by a microprocessor?
 - d) Write various function performed by Input unit.
 - e) Define BCD codes.
 - f) Transistors are used in which computer generation?
 - g) Define Cache Memory.
 - h) Write various operations performed by ALU.

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- i) What is the full form of ASCII code?
- j) Define computer language.
- k) Define E-Mail.
- l) Define Internet.
- m) What are wild card characters?
- n) Define Operating System.
- o) What is the usage of FTP?
- p) Define processor Speed.
- q) Which number system computer uses to perform various positions?
- r) What is the role of Modem in accessing Internet?

SECTION-B

Note:Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) Define DOS. Explain any eight external commands.
 - ii) Write down various characteristics of Computer.

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- iii) What is the usage of CPU in a Computer? Name its various functional parts.
- iv) Differentiate between RAM and ROM.
- v) What do you mean by formatting a Floppy Drive? How it is performed?
- vi) Differentiate between algorithm and flowchart.
- vii) Give the usage of storage devices in computer system.
- viii) Write down various uses of Internet.
- ix) Describe address format of IP address.
- x) Write down the step by step process of installing a printer using control panel.
- xi) Convert $(110110110101)_2$ to its hexadecimal and octal equivalent.
- xii) Write down the steps involved in changing the system date and time using control panel.
- xiii) What is the purpose of Web Browser software? How it is used?
- xiv) Write an algorithm to find the cube of a given number.

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- xv) Explain the process of sending and receiving E-Mail.

SECTION-C

Note: Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 Explain various input/output devices used in computer system.
- Q.4 Write various steps involved in algorithm development using suitable example.
- Q.5 Write down various components of window and describe the function of each component with the help of a labeled diagram.
- Q.6 Give the classification of computers based on size and processor.
- Q.7 Write short note on:-
 - (i) Telnet
 - (ii) E-Mail.

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