

26/9/08
FN

(Please write your Roll Number immediately)

Roll No. _____

First-Term Examination

First Semester [B.Tech]

September - 2008

Paper Code: ETCS-109

Subject: Introduction to Computer and Auto CAD

Time: 1 ½ Hrs

Max Marks: 30

Note: Q1 is compulsory & Attempt any two questions out of the remaining questions.

WE WISH YOU BEST OF LUCK

Q1 (a). Fill in the blanks (any five) (1 x 5)

- I. _____ is the shortcut for opening a new file in MS-WORD.
- II. _____ is used for providing a new name to a file always.
- III. _____ is the fastest memory attached with the Pentium Processor.
- IV. _____ is a hybrid computer.
- V. _____ method is used for find out the negative of a number within the family of a given number system.
- VI. _____ is the BCD code for 99.

(b). Check whether the following statements are True/False (any five) (1 x 5)

- I. Computer is an electrical device.
- II. Byte is the word of computer.
- III. A computer can perform multiplication & division by default.
- IV. Mainframe is the fastest computer.
- V. Transistors are developed in 2nd generation of computer.
- VI. Address bus is two sided or bidirectional bus.

Q2.(a). What is the role of a Template? How it is different from mail merge? (2, 1)

(b). What is Customization in word? Is it different from formatting? Comment. (1,1,1)

(c). (i)What is the role of spread sheet? Name any two spread sheet.

(ii) Show how to find the sum of N given numbers using spread sheet. (2,2)

Q3.(a). What is mean by a signed number? How computers perform this task? (1,1)

(b). Find the value of X in the following

(i) $(25.25)_5 = (X)_3$

(ii) $(10101)_2 * (101)_2 + (11)_8 = (X)_2$ (2,2)

(c). Normalize the following numbers using normalization of floating point statements

(i) $(1101101.10101)_2$

(ii) $(0.00010010)_2$ (2,2)

Q4. Write short notes on any four. (2.5 x 4)

- (i) Mini computer.
- (ii) Memory Unit.
- (iii) Output Device.
- (iv) Application Software.
- (v) 3rd Generation of Computer.