SUBJECT CODE : CS/MC/CF14

B.C.A. DEGREE EXAMINATION – NOVEMBER 2008
FIRST SEMESTER

COURSE   : MAJOR CORE
PAPER   : COMPUTER FUNDAMENTALS
TIME   : 1½ HOURS   **MAX. MARKS: 50**

SECTION – A

ANSWER ALL THE QUESTIONS: **10X1=10**

Choose the correction answer:

1.   Find the odd one out
    a) Joystick   b) Printer   c) Monitor   d) Speaker

2.   Which windows program do you use to manage folders and files.
    a) Windows Explorer   b) windows Accessories
    c) Windows Control Panel   d) Microsoft Office

3.   ####### in a cell in Excel means
    a) The number is wrong   b) The content is misspelled
    c) The cell is not wide enough   d) The formula is wrong

4.   In order to access the world wide web you need
    a) An internet connection, an internet service provider and a browser
    b) Only Internet Explorer or Netscape Navigator
    c) A Modem and a Browser
    d) Nothing. All computers can access the internet.

5.   Which one is an email address?
    a) http://google.com/index.htm   b) D:\\Email\standard
    c) smartie@tech.com   d) tech.org/teachers/mailaddreses

Fill in the blanks:

6.   LCD stands for _____.
7.   ASCII stands for _____
8.   A machine language program ready to run in a particular operating environment after it has been assembled or compiled and linked is called _____.
9.   _____ was the first operational network that became the basis for the Internet.
10.   _____ is the holding area for files and folders that are held before final deletion from a storage.

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SECTION – B

ANSWER ALL THE QUESTIONS: **5X2=10**

11.   Convert   a) 10110001101011 into octal   b) 306.D into binary
12.   What is the difference between compiler and interpreter?
13.   What is structured programming?
14.   What does a MODEM do?
15.   What is a virus?

SECTION - C

ANSWER ANY SIX OF THE FOLLOWING QUESTIONS: **6X5=30**

16.   Describe any two output devices.
17.   Convert the following
       a) 542 from decimal to binary
       b) 6571 from decimal to octal
       c) 101100 from binary to decimal
       d) 1100001 from binary to octal
       e) 1110 from binary to hexadecimal
18.   Describe the types of memory.
19.   Draw a flowchart to find the largest of three numbers. Give any two uses of
       flowcharts.
20.   What is an algorithm? Write down an algorithm to buy tickets for a software
       exhibition.
21.   Describe the different types of user interfaces.
22.   Explain the evolution of internet.
23.   Describe the mechanism of anti virus software.

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