Name : ....

Roll No. : ....

Invigilator's Signature : ....

CS/BMS(H)/SEM-3/MMS-305/2009-10
2009
INFORMATION & COMPUTER TECHNOLOGY

Time Allotted : 3 Hours   *Full Marks* : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

GROUP – A
(Objective Type Questions)

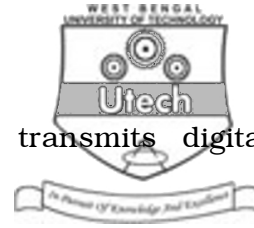1. Answer the following questions :   10 × 1 = 10

    A)   Choose the correct alternatives for the following :

        i)   Communication between a computer and a keyboard involves .... transmission.

            a)   half duplex   b)   simplex

            c)   full duplex   d)   automatic.

        ii) AM and FM are examples of .... conversion.

            a)   digital-to-digital   b)   analog-to-analog

            c)   digital-to-analog   d)   analog-to-digital.

44030   [Turn over

iii) Which multiplexing technique transmits digital signals ?

a) FDM

b) WDM

c) TDM

d) None of these.

iv) HTML stands for

a) HyperText Marking Language

b) HyperText Markup Language

c) HyperText Madeup Language

d) HyperTransfer Markup Levels.

v) Chip plugged onto the motherboard in a computer system is

a) LSI   b) SSI

c) MSI   d) VLSI.

vi) The command "Word Count" of Microsoft word present under the menu is

a) Insert   b) Format

c) Tools   d) Edit.

vii) Which one of the following is system software ?

a) Microsoft Word

b) Adobe Photoshop

c) Operating Systems

d) Oracle.

B)   Fill in the blanks :

viii)   ………………… is a set of rules that governs the data communication.

ix)   ………………… is an electromagnetic field that conveys data from one place to another.

x)   The full form of PAM is ………………… .

GROUP – B
(Short Answer Type Questions)
Answer any *three* of the following.   3 × 5 = 15

2.   What is browser ? Explain the format of URL.

3.   Discuss the characteristics of the computer.

4.   Describe about the different types of cables used in networking.

5.   Write short notes on the following :

a)   Cyber law and cyber crime

b)   WAN

c)   FTDM.

6.   Write short notes on the following :

a)   Full duplex

b)   TDM.

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. 3 × 15 = 45

7. a) Describe the different types of web documents. 5

    b) What is a cookie ? Why is it used ? 5

    c) Write a short note on DNS. 5

8. What is network topology ? Describe at least three examples.

9. Describe in detail the applications of internet.

10. Describe briefly about OSI model. Differentiate between Windows and UNIX. 7 + 8

11. Write down the different guided media and their advantages and disadvantages. State the difference between guided media and unguided media with suitable example. 7 + 8

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