(BSc(H) Foodtech)
End Semester Examination 2018
3rd *Semester*

Paper Name : Computer Applications

Time: Three Hours   MM: 100

Note:
(i)   This question paper contains two sections.
(ii)   Both sections are compulsory.

Section – A

Q1. Fill in the blanks.   (1 X 5 = 5 Marks)
    a) GUI stands for _____.
    b) The type of memory for that changes by restarting your computer _____
    c) Hardware and Software.
    d) Sum of 11111 and 1111 is _____.
    e) ROM stands for _____.

Q2. Attempt any five parts.   (3 X 5 = 15 Marks)

    a) Explain printers with example.
    b) Explain the types of computer?
    c) Differentiate between compiler and interpreter.
    d) Explain characteristics of computer?
    e) What are complements.
    f) Difference between internet, intranet and extranet.
    g) Explain the difference between GUI and CUI.

Section – B

Each question contains three parts a, b & c. Attempt any two parts of choice from each question.

Q3.   (10 X 2 = 20 Marks)
    a. Explain the classification of computers.
    b. What do you understand by topology? Explain types of topologies with the help of diagram.
    c. What is operating system? Explain its functions and the examples of operating system.

Q4.   (10 X 2 = 20 Marks)
    a. What is internet? Explain its services.
    b. What is network? Explain the concept of LAN and MAN and WAN.
    c. convert the following:
    i) $(124)_{10} - ( )_{16}$ and $( )_8$
    ii) $(A5C.2)_{16} - ( )_{10}$ and $( )_2$

Q5. (10 X 2 = 20 Marks)

    a. Differentiate between primary and secondary memory with example.
    b. Differentiate between first and fourth generation of computer.
    c. Explain any five DOS commands with the help of syntax:

Q6. (10 X 2 = 20 Marks)

    a. Explain the types of memories used in computer.
    b. Explain the classification of computer languages.
    c. Explain the following:
        i) Joystick
        ii) EPROM
        iii) Modem
        iv) WWW