MODEL QUESTION PAPER

MSC III SEM

BIOTECHNOLOGY

FOURTH PAPER

BASTATICS AND COMPUTER APPLICATION

TIME: 3 HRS   **MAXIMUM MARKS: 85**

MINIMUM MARKS: 29

Note: The question paper consists of two sections: A and B. attempt all the questions according to the given instructions.

Section A

Short Answer Type Questions

Note: Attempt all questions. Each question carries five marks (5 X 5 = 25)

Q1. Write applications of biostatics.

             Or

Importance of graphical presentation.

Q2. Explain t-test.

        Or

Explain Chi- square test.

Q3. What is data mining?

        Or

Explain path analysis with an example.

Q4. Explain CART

Or

Explain multi layered perception.

Q5. Define folders in computer.

Or

Write about hardware in computer.

Section B

Long Answer Type Questions

Note: Attempt all questions. Each question carries twelve marks (5 X 12 = 60)

Q6. Describe mean, median and mode.

Or

Explain standard deviation and standard error.

Q7. Write short notes on any two of the following:

a. Test of significance
b. Multivariate analysis
c. Regression analysis
d. Residual analysis
e. Importance of t-test

Q8. Explain any two of the following:

a. Factor analysis
b. Virtuous cycle
c. Importance of data mining

Q9. Write about Fischer's discriminant functions

Or

Write ANN model.

Q10. Write short notes on any two of the following:

    a. MS Power point
    b. LINUX
    c. MS Excel
    d. Windows XP
    e. MS Office