Total No. of Questions :4]

P741

SEAT No. :

[Total No. of Pages :2]

[5315]-330
T.Y.B.Sc.
BOTANY
BO-336: Computational Botany
(2013 Pattern) (Semester-III) (Paper -VI)

Time : 2 Hours]

[Max. Marks : 40

Instructions to the candidates:

   1)   *All questions are compulsory.*

   2)   *Draw neat labelled diagrams wherever necessary.*

   3)   *Figures to the right indicate full marks.*

Q1) Answer the following: **[10]**

   a)   What is null hypothesis?

   b)   Give any two objectives of classification of data.

   c)   What is standard error?

   d)   Enlist any two types of correlation.

   e)   What is vigor Index (VI)?

   f)   Give any two Significance of chi-squaretest.

   g)   Define Leaf Area Index (LAI).

   h)   Give any two properties of correlation coefficient.

   i)   What is primary and secondary data?

   j)   Give formula to calculate frequency.

Q2) Attempt Any two of the following.   **[10]**

   a)   What is biostatistics? Describe its applications.

   b)   What is non- random sampling? Describe its methods.

   c)   Explain how to compute frequency and density from data obtained through Quadrats.

P.T.O.

Q3) Write short notes on Any two of the following.   **[10]**

    a)   Pie diagram.

    b)   Normal distribution.

    c)   Standard deviation.

Q4) What are measures of central tendency? Give an account of any two central tendency with its merits and limitations.   **[10]**

OR

What is seed germination? Give an account of seed germination and early seedling growth under stress.

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