

Bs/BCC-15 : BDSE-01(B) (N)

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(FYUGP)

(6th Semester)

BOTANY

Paper : BCC-15 : BDSE-01(B)

(Biostatistics)

(New Course)

Full Marks : 75
Pass Marks : 40%

Time : 3 hours

*The figures in the margin indicate full marks
for the questions.*

1. Write a note on the basic principles and uses of statistics in biology. 15

Or

Write notes on the following : $7\frac{1}{2} \times 2 = 15$

- (a) Statistical methods
(b) Measurements and functions of variables

(2)

2. Give an account on types and methods of data collection procedures. 15

Or

Write notes on the following : $7\frac{1}{2} \times 2 = 15$

- (a) Presentation of data
- (b) Sampling methods

3. Write a note on measure of dispersion. 15

Or

Write notes on the following : $7\frac{1}{2} \times 2 = 15$

- (a) Coefficient of variations
- (b) Mean, median and mode

4. Describe briefly about types and methods of correlation. 15

Or

Write notes on the following : $7\frac{1}{2} \times 2 = 15$

- (a) Fitting prediction
- (b) Similarities between correlation and regression

5. Write a note on student t -test and chi-square test. 15

Or

Write notes on the following : $7\frac{1}{2} \times 2 = 15$

- (a) Quartile deviation
- (b) Standard deviation

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