

B.Sc. (Hons.) Agriculture

Note :

1. Solve ANY EIGHT questions from SECTION "A".
2. All questions from SECTION "B" are compulsory.
3. All questions carry equal marks.
4. Draw neat diagrams wherever necessary.

- Q.1 What is Statistics? Give its importance and limitations.
- Q.2 State the characteristics of an ideal Measure and explain any one.
- Q.3 Define Correlation. State different types of correlation and explain any two.
- Q.4 Explain in detail Range and Variance.
- Q.5 Define Coefficient of regression and state its properties.
- Q.6 Write the steps involved in hypothesis testing.
- Q.7 Define the term sample. Explain the concept of Random sampling and Standard error.
- Q.8 State assumptions of Simple linear regression and write down its equation.
- Q.9 Define probability and find the probability of getting two heads, if coin is tossed 2 times.
- Q.10 Write short notes (Any Two).

- Q.11 Define the following terms.

- Q.12** Fill in the blanks.

- 1) The father of Statistics is _____.
- 2) If A' complement of event A then $P(A') =$ _____.
- 3) Conclusion drawn from sample is called _____.
- 4) The average relationship between dependent and independent variable is known as _____.

