(LN 4255)   **AUGUST 2018**   Sub Code: 4255

B. PHARM. DEGREE EXAMINATION
FIRST YEAR
PAPER V – BIOSTATISTICS AND COMPUTER APPLICATIONS

Q.P. Code : 564255

Time: Three hours   **Maximum: 100 Marks**

Answer Section A and B in SEPARATE Answer Book.

SECTION - A
(BIOSTATISTICS)

I. Elaborate on: **(1 x 20 = 20)**

1. Find Regression lines and regression coefficient for following data:

X	6	2	10	4	8
Y	9	11	5	8	7

II. Write notes on: **(4 x 5 = 20)**

1. What are the application of Chi-Square (X^2) test?
2. Discuss about stratified random sampling method.
3. Calculate mode for the following data.

Class limits	0–30	30–60	60–90	90–120	120–150	150–180
Frequency	8	13	22	27	18	7

4. Distinguish between correlation and regression.

III. Short answers on: **(5 x 2 = 10)**

1. Define primary data.
2. Define probability.
3. Harmonic mean.
4. Define positive and negative correlation.
5. Define regression.

SECTION - B
(COMPUTER APPLICATION)

I. Elaborate on: **(1 x 20 = 20)**

1. Explain in detail about Hardware and software.

II. Write notes on: **(4 x 5 = 20)**

1. What are the characteristic of computer system?
2. Explain memory management in the system.
3. Discuss about the various types of operators in 'C' Language.
4. Write notes on internet and its uses.

III. Short answers on: **(5 x 2 = 10)**

1. WWW.
2. Search engine.
3. Define variable.
4. Define compiler.
5. List out String handling functions used in 'C'.

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