



(LJ 4255)

AUGUST 2016

Sub Code: 4255

FIRST YEAR B. PHARM. EXAMINATION**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. a) Find the coefficient of variation for the following data.

C.I :	10 – 20	20 – 30	30 – 40	40 – 50	50 – 60	60 – 70
F :	10	15	32	40	22	18

- b) Calculate Mean and Median from following data:

Class Interval	0-10	10-20	20-30	30-40	40-50	50-60	60-70
Frequency	10	20	35	40	25	25	15

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

1. A person is known to hit a target 3 out of 4 shots where as an other person is known to hit the same target 2 out of 3 shots. Find the probability of the target being hit when they both try.
2. Following are the rank obtained by 5 students in computer and statistics. Calculate pearman's rank correlation coefficient.
Computer : 5 2 1 4 3
Statistics : 4 3 5 1 2
3. Write about the most commonly used graphs.
4. Write a note on measures of central tendency.

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

1. Harmonic mean
2. Classification
3. Pie diagram
4. Variance
5. Define Averages

**SECTION - B
(COMPUTER APPLICATION)****I. Elaborate on:****(1 x 20 = 20)**

1. Draw the block diagram of a computer and explain the functions of various units.

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

1. Write a note on memory.
2. Explain the types of compute
3. Write about the OPERATORS available in C language.
4. Write about the conditional statements.

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

1. Keyword
2. Ethernet
3. Array
4. EPROM
5. MICR

