



(LP 4255)

**AUGUST 2019**

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. Explain the various methods of sampling.

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

1. A bag contains 4 white 3 black and 5 red balls. What is the probability of getting a white or red ball at random in a single draw?
2. Calculate the mean from the following data:  
49 70 54 67 59 40 61 69 71 52
3. Write about the simple bar diagram and pie diagram.
4. What are the steps involved in Chi square test?

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

1. Statistics.
2. Probability.
3. Correlation.
4. Dispersion.
5. Hypothesis.

**SECTION - B  
(COMPUTER APPLICATION)**

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

1. a) Write about various graphical input and output devices.  
b) Explain the types of operators available in C language.

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

1. Write a note on algorithm and flowchart.
2. Explain the features of Ms-Word and Ms-Excel.
3. Define topology. Explain the types.
4. Explain the applications of computer in pharmacy.

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

1. Multimedia.
2. URL.
3. HTML.
4. Protocol.
5. Browse

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