



[LR 1220]

DECEMBER 2020

Sub. Code: 4255

(AUGUST 2020 EXAM SESSION)

**B. PHARMACY DEGREE EXAMINATION****FIRST YEAR – (Regulation from 2009-2010)****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 collecting Primary and Secondary data.

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

1. Calculate the Mean and Median for the following data.  
9,8,6,6,2,1,4,6,7,5
2. Draw a Histogram from the following data.  
Size: 0-10    10-20    20-30    30-40    40-50  
F:    10        14        19        17        13
3. Write a note on Correlation.
4. Explain simple random sampling.

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

1. Ogive.
2. Mode.
3. Range.
4. Probability.
5. Harmonic mean.

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

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

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

1. Write a note on Network.
2. write a note on Algorithm and Flowchart.
3. Explain the types of Computers.
4. Explain the types of operators available in C language.

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

1. HTML.
2. Software.
3. Compile
4. RAM.
5. Scanne

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