Bachelor of Pharmacy (B. Pharm) Second Semester Old
BP 206 - Statistics & Computer Application In Pharmacy

P. Pages : 1   **GUG/W/18/1157**

Time : Three Hours |||||||||||||||||||| Max. Marks : 80

                            * 0 8 7 0 *

_____

Notes : 1.   Que. **1** is compulsory & solve **any four** from remaining.
          2.   All questions carry equal marks.
          3.   Use of electronic calculator is permitted.

1.   a)   Describe the mean, mode median with examples.   **8**

      b)   Find the coefficient of variation from following data.   **8**

Class limit	0-50	50-100	100-150	150-200	200-250	250-300
Frequency	7	16	23	14	8	2

2.   a)   What is correlations? Describe in detail different type of methods of correlations.   **8**

      b)   Find the Median.   **8**

Class limit	0-30	30-60	60-90	90-120	120-150	150-180
Frequency	8	13	22	27	18	7

3.   a)   What is live of regression? Explain the various methods to find the regression line.   **8**

      b)   From the following data calculate mean deviation from mean.   **8**
            X: 35, 40, 25, 20, 30.

4.   a)   Explain the operating system of computers. Give the different type of languages of computer.   **12**

      b)   Discuss various secondary storage devices.   **4**

5.   a)   Describe the history and classify computers.   **12**

      b)   Memory and its type.   **4**

6.   Write a note on following **any four.**   **16**
      a)   Type of variables.

      b)   Probability.

      c)   Concept of statistics.

      d)   Scope of statistics.

      e)   Statistical Interference.

7.   Discuss with example, different applications of computer in pharmacy.   **16**

****