



[KZ 4255]

Sub. Code: 4255

**FIRST B.PHARM. EXAMINATION****Paper V – BIOSTATISTICS AND COMPUTER APPLICATION**Q.P. Code : 564255**Time : Three hours****Maximum : 100 marks****Answer Section A and B in SEPARATE Answer Book.****SECTION A – BIOSTATISTICS****I. Long Essay:****(1 x 20 = 20)**

1. Explain the various methods of collecting primary data pointing out their merits and demerits

**II. Short Notes :****(4 x 5 = 20)**

1. From the following data obtained the regression equation of x on y

x	6	2	5	10	4
y	9	11	5	8	7

2. Name the different types of bar diagrams and explain any one of them.
3. Write a short note on stratified random sampling.
4. Find the mean deviation for the following data

x	2	4	6	8	10
f	1	4	6	4	1

**III. Short Answers****(5 x 2 = 10)**

1. Histogram.
2. Define median.
3. What is scatter diagram?
4. Level of significance.
5. Define probability.

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(PTO)



**SECTION B**  
**COMPUTER APPLICATION**

**I. Long Essay:** **(1 x 20 = 20)**

1. Explain the various graphic display devices.

**II. Short Notes :** **(4 x 5 = 20)**

1. What are the Characteristics of a computer?
2. Give a brief note on two commonly used storage devices.
3. Write a note on internet and its uses.
4. Explain URL.

**III. Short Answers** **(5 x 2 = 10)**

1. Difference between RAM and ROM.
2. LAN.
3. What are arrays in 'C' language?
4. Output Devices.
5. List out the string handling functions used in 'C'.

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