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(FEBRUARY 2021 EXAM SESSION)

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**B. PHARMACY DEGREE EXAMINATION
FIRST YEAR – (NON-SEMESTER)
PAPER V – BIOSTATISTICS AND COMPUTER APPLICATIONS
Q.P. Code : 564255**

Time: Three hours

Answer ALL questions

Maximum: 100 Marks

Answer Section A and B in SEPARATE Answer Book.

**SECTION - A
(BIOSTATISTICS)**

I. Elaborate on:

(1 x 20 = 20)

1. Following are the rank obtained by seven students in two subjects.

Statistics:	2	1	5	3	4	7	6
Computer:	1	3	2	4	7	5	6

Calculate the rank correlation coefficient.

II. Write notes on:

(4 x 5 = 20)

1. Explain Correlation and Regression.
2. Explain Null hypothesis and Alternative hypothesis.
3. Write a note on histogram and ogive.
4. Write a note on measures of Central tendency.

III. Short answers on:

(5 x 2 = 10)

1. Biostatistics.
2. Median.
3. Pie diagram.
4. Variance.
5. Regression.

**SECTION - B
(COMPUTER APPLICATION)**

I. Elaborate on:

(1 x 20 = 20)

1. a) Explain the terms: RAM, ROM, PROM, EPROM and EEPROM.
- b) Write a note on secondary memory.

II. Write notes on:

(4 x 5 = 20)

1. Write a note on WWW and URL.
2. Explain the types of compute
3. Write about the OPERATORS available in C language.
4. Define Topology. Explain the types of Topology.

III. Short answers on:

(5 x 2 = 10)

1. Keywor
2. Virus.
3. Array.
4. Hardware.

5. MIC