

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BPHARM 0522]

MAY 2022

Sub. Code: 4255

(FEBRUARY 2022 EXAM SESSION)

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. Calculate the mean, median and mode for the following.

Profits	0-10	10 – 20	20 - 30	30 – 40	40 – 50	50 – 60
No. of shops	12	18	27	20	17	6

II. Write notes on:

(4 x 5 = 20)

1. Write a note on simple random sampling.
2. A problem in statistics is given to three students A, B and C whose chances of solving it are $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ respectively. What is the probability that the problem will be solved.
3. Write a note on Scatter diagram.
4. Write any two methods of collecting primary data.

III. Short answers on:

(5 x 2 = 10)

1. Mode.
2. Histogram.
3. Range.
4. Probability.
5. Hypothesis.

SECTION – B
(COMPUTER APPLICATION)

I. Elaborate on:

(1 x 20 = 20)

1. Explain the various units of a Computer by drawing a block diagram.

II. Write notes on:

(4 x 5 = 20)

1. Write about the Software and Hardware.
2. Define Topology. Explain the types of Topology.
3. Write about internet and its uses.
4. Write about the LAN, WAN and MAN.

III. Short answers on:

(5 x 2 = 10)

1. Bit.
2. PROM.
3. Array.
4. Scanner.
5. Browser.