(LM 4255)   **FEBRUARY 2018**   Sub Code: 4255

B. PHARM. DEGREE EXAMINATION
FIRST YEAR
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. Find the mean, median and mode for the following data.

   C.1: 0–10   10–20   20–30   30–40   40–50   50–60

   F :   12   18   27   20   17   6

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

1. A bag contains 7 red, 12 white and 4 green balls. What is the probability that
     a) 3 balls drawn are all white.
     b) 3 balls drawn are one of each colour.
2. Marks in computer and chemistry are found to be
   Computer : 90   75   60   80   40   88
   Chemistry : 63   55   46   68   70   85
   Calculate rank correlation coefficient.
3. Write about any two types of sampling methods.
4. Calculate standard deviation for the following data.
     50   55   57   49   54   61   64   69   58   55

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

1. Geometric mean.
2. Level of significance.
3. Bardiagram.
4. Sample.
5. Regression.

SECTION - B
(COMPUTER APPLICATION)

I. Elaborate on: (1 x 20 = 20)

1. a) Explain in detail about looping structures in C.
   b) Explain scanf ( ) and Printf ( ) functions.

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

1. Write a note on internet and its applications.
2. Define topology. Explain the types.
3. Write about the operators available in C language.
4. Write about the conditional statements.

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

1. Keywor
2. Simple IF statement.
3. Array.
4. Protocol.
5. Browse

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