

Subject Code: B13203/R13

**I B. Pharmacy II Semester Supplementary Examinations April/May-2017**

**COMPUTER APPLICATIONS & BIOSTATISTICS**

Time: 3 hours

Max. Marks: 70

Question Paper Consists of **Part-A** and **Part-B**  
Answering the question in **Part-A** is Compulsory,  
Three Questions should be answered from **Part-B**

\*\*\*\*\*

**PART-A**

1. (a) Draw and explain each component of computer. [4]
- (b) Write the Structure and Organization of www. [4]
- (c) What are the applications of DBMS? [3]
- (d) Define kurtosis and skewness. [4]
- (e) Write the properties of chi-square test. [4]
- (f) Write the properties of rank correlation. [3]

**PART-B**

2. (a) Explain the following
  - i) Procedure to start and change the slide Layout in PowerPoint
  - ii) Write any two advantages of MS Excel and MS Access
- (b) What is Mail merge? Create a mail merge to call 10 members for an interview. [8+8]
3. (a) What is the difference between internet and intranet and also explain the role of internet in today's world.
- (b) Does HTML play major role in designing Web Pages? Explain HTML elements in brief. [8+8]
4. What is the difference between Database and DBMS? Write the objectives of DBMS and disadvantages in File Processing System. [16]
5. (a) Find the mode for the following data: [8+8]
 

x	10	20	30	40	50	60	70	80	90	100
c.f	140	133	118	100	75	45	25	9	2	0
- (b) Find the standard deviation of the following distribution:
 

x	22.5-27.5	27.5-32.5	32.5-37.5	37.5-42.5
f	175	198	176	120
6. (a) Find the coefficient of correlation for the following Data: [8+8]
 

X	10	12	18	24	23	27
Y	13	18	12	25	30	10
- (b) Discuss the basic principles under lying control Charts.
7. (a) A random Sample of 10 bags of pharma samples are taken whose weight are 50, 49, 52, 44, 45, 48, 46, 45, 49, 45 (in kgs). Test whether the average packing can be taken to be 50kgs at 5% level of significance?
- (b) What is ANOVA? Compare difference between one way and two way ANOVA. [8+8]