TKN/KS/16/6980

B.Pharm. Semester–II (C.B.S.) Examination
STATISTICS AND COMPUTER APPLICATIONS
IN PHARMACY
Paper—6 (2T6)

Time—Three Hours]   [Full Marks—80

N.B. :— (1) Question No. **1** is compulsory.

(2) Solve any FOUR questions from the remaining.

(3) Draw neat labeled diagram wherever necessary.

(4) Use of electronic calculator is permitted.

1. Solve any **FIVE** of the following :

   (a) Explain what do you mean by statistics.

   (b) What is Statistical Data ?

   (c) Explain various methods of Sampling.

   (d) Write the characteristics of the Computer.

   (e) Explain different parts of CPU.

   (f) Enlist and elaborate on different Output Devices.

   20

2. (a) Explain the concept of arithmetic mean, mode and median.   5

   (b) From the following data calculate mean :

Class limit	0-30	30-60	60-90	90-120	120-150	150-180
Frequency	8	13	22	27	18	7

   10

3. (a) For the following data draw histogram, frequency polygon and cumulative frequency polygon.   7

Class limits	20-40	40-60	60-80	80-100	100-120	120-140
Frequency	8	15	23	18	9	4

   (b) Calculate coefficient of variation from the following data :

x	4	8	12	16	20	24	28
f	3	13	22	37	18	12	2

   8

4. (a) Write a detailed account on history of Computer Development.   7

   (b) Explain briefly general components of Computer.   8

5. (a) What are Functions of an Operating System ?   7

   (b) Describe evolution of UNIX. Give its salient features.   8

6. (a) Describe the application of computer in Pharmacy.   7

   (b) Explain the concept of LAN and WAN.   8

7. (a) What is Memory ? Explain different kinds of Memories.   7

   (b) Describe Secondary Storage Units.   8