

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

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