Sardar Patel University, Vallabh Vidyanagar
B. Ed. (Advanced) Programme - CBCS
Semester –3 External Examination
UE03EB2A05
CPS – 5 : Fundamental of Statistics

Date: 25 / 10 / 16
Day: Tuesday

Total Marks: 50
Timing: 10:00 am to 12:00 pm

Instructions:

• All the Six questions are compulsory.
• The figures in the brackets to the extreme right indicate marks.

Q – 1 (A) Answer the following questions in brief. (6)

1. Name the Latin word from which a word Statistics is derived.
2. Write a major use of importance of statistical techniques in academic work.
3. Write the formula for finding mean for ungrouped data.
4. When Chi-square test of Independence is used?
5. Write the full form of SPSS.
6. What is correlation?

Q- 1 (B) Write a short note in approximately 125 words each. (Any 1) (05)

1. Professional Skills for Statistics
2. Significance of Statistical Techniques in Academic work at School

Q -2 Answer the following questions in brief. (Any 5) (15)

1. Explain the concept of Statistics and state its features.
2. Give importance of computers in Statistics.
3. Write the importance of statistical techniques in administrative work.
4. What is SPSS? What are the advantages of using SPSS?
5. Write the uses of Mean.
6. What is Chi-square? State its uses.

Q – 3 Answer the following question approximately in 250 words. (10)

1. Describe the internal features of Statistics Textbook of grade 11.

OR

Q – 3 Write short notes on the following topics.

1. Graphical presentation in Statistics
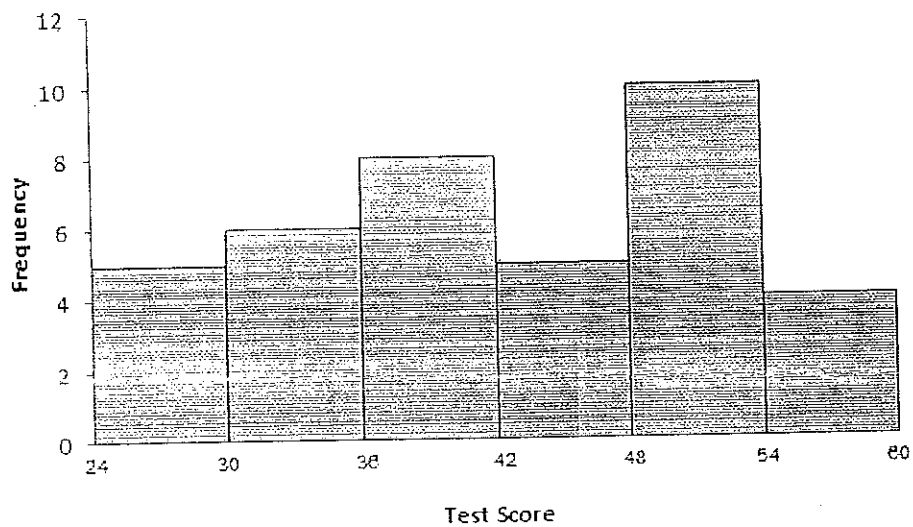2. Use of MS Excel in Statistics

Q- 4 Answer (Any Two) questions out of Three in approximately 150 words each. (14)

1. The weekly salaries of six employees at McDonalds are dollar 140, 220, 90, 180,140,200. For these six salaries, find the median.

(1)

2. Below is the histogram for the given data.

Test Score	24-30	30-36	36-42	42-48	48-54	54-60
Frequency	5	6	8	5	10	4

Test Score

Write the interpretation of the above graph.