PAPER-V (b) (v)

EDUCATIONAL MEASUREMENT AND EVALUATION

LONG QUESTIONS

1. What is measurement? How is different from evaluation?
2. Discuss various scales of measurement.
3. What is educational measurement? Discuss its need.
4. Differentiate between measurement and evaluation. What is the need of evaluation in education?
5. Differentiate between nominal scale and ordinal scale in measurement and what are their importances.
6. What is the meaning of correlation? What is its range?
7. Explain the Correlation coefficient by Spearman's method.
8. Given the following data, find mean and median:

C.F.	0-4	5-9	10-14	15-19	20-24	25-29	30-34
F	3	4	7	10	6	3	2

9. Given the following data, find spearman's rank order correlation between variables X and Y:

Students:	A	B	C	D	E	F	G	H	I	J
X:	35	35	33	31	30	30	29	28	29	26
Y:	60	57	60	58	55	54	55	52	52	51

10. Find out 'r' between X and Y, given the following data:

X	3	4	5	6	9	11	8	7	6	4
Y	2	5	6	5	9	12	11	8	7	8

11. Find correlation between X and Y, given the following data:

X:	2	5	3	2	7	7	8	9	10	15	12	3	3
Y:	5	7	8	6	7	8	6	10	11	11	12	11	5

12. Calculate mean and standard deviation from the following data:

   30, 40,50,60,20

13. Calculate man, median and standard deviation from the following :

   6,5,9,10,14,11,18,17,16,20

SHORT QUESTIONS

   Differentiate between measurement and evaluation.

   Write formula of mean, mode, median and standard deviation.
   Discuss the meaning of measurement and evaluation.
   Discuss the meaning of standard deviation.
   Meaning of standard score
   What are various measures of variability? Explain any one of those.
   What is the meaning of correlation? What is its range?
   What is a nominal scale?

In which situation median is preferred to mean as a measure of central tendency?

Calculate mode from the following data:

12,18,12,16,12,15,12,22,12

What is quartile?

Calculate correlation between X and Y from the following data:

X	12	16	20	30
Y	14	18	25	35

What is evaluation?

Define mode and Find out mode from the following data:

9,18,10,18,12,16,18,12,14,18,10,15,18,20,18

SECTION B

LONG QUESTIONS

1. What is an objective type test? Discuss its advantages and limitations.
2. What is Test-reliability? Explain kinds of reliability.
3. What do you mean by standardization of test? Explain
4. What is validity? Discuss various method of estimating validity
5. Discuss the qualities of a good test.
6. Define reliability. Discuss various method of estimating reliability of a test.
7. Discuss the merits and demerits of objective and essay type tests..
8. What are the merits and demerits of essay type tests?
9. Discuss the steps in constructing an achievement test.

SHORT QUESTIONS

1. Define validity of test?
2. What is Test-Reliability?
3. Discuss different types of Scales of Measurement.

4. Discuss the qualities of a good test.

5. Limitations of objective type test

6. What are the advantages and limitations of Essay Type Test?

7. What is an Objective Type Test?

8. Factors affecting validity.

9. What do you mean by Usability of a test

10. Test- retests method for calculating reliability of a test.