

5/H-15 (v) (Syllabus-2015)

2017

( October )

EDUCATION

( Honours )

( Educational Evaluation and Statistics )

Marks : 75

Time : 3 hours

*The figures in the margin indicate full marks  
for the questions*

Answer any **five** questions

1. What is the meaning and purpose of evaluation? Explain the process of evaluation. 8+7=15
2. What is meant by validity of a test? Explain the method of determining content validity of a test. 5+10=15
3. Give the classification of different types of tests. Distinguish between standardized test and teacher-made test. 7+8=15
4. Describe in detail the Stanford-Binet test of intelligence. Point out its limitations. 10+5=15

5. (a) What is the significance of histogram? 5  
 (b) Draw the histogram and frequency polygon from the following distribution : 10

Scores	Frequency
80-89	2
70-79	6
60-69	10
50-59	15
40-49	24
30-39	12
20-29	8
10-19	3

6. (a) Explain the concept of standard deviation. 5  
 (b) Find out the value of standard deviation by using the following table : 10

Class interval	Frequency
90-94	4
85-89	3
80-84	6
75-79	10
70-74	15
65-69	5
60-64	6
55-59	0
50-54	1
	<hr/> N = 50

7. (a) What is meant by correlation? 5  
 (b) Find out the coefficient of correlation between X and Y variables by using Spearman's rank difference method : 10

X :	40	50	35	32	48	55	60	15	10
Y :	35	47	27	30	50	52	62	13	12

8. Write short notes on any two of the following :  $7\frac{1}{2} \times 2 = 15$   
 (a) Characteristics of a good test  
 (b) Bloom's taxonomy of educational objectives under cognitive domain  
 (c) Measures of central tendency  
 (d) Concept of normal probability curve

\*\*\*