

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

2019

(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. Distinguish between measurement and evaluation in education. Discuss the purpose of evaluation. 8+7=15
2. What are the characteristics of a good test? Explain the concept of standardized and teacher-made tests. 5+5+5=15
3. What is meant by validity of a test? Explain the method of determining content validity. 5+10=15
4. Describe Stanford-Binet test of intelligence to measure IQ. Bring out its merits and demerits. 10+5=15

5. Draw the histogram and frequency polygon for the following frequency distribution :

Scores	f
60-69	1
70-79	2
80-89	3
90-99	4
100-109	7
110-119	12
120-129	8
130-139	5
140-149	3
150-159	3
160-169	2
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$N = 50$	

6. Calculate the mean and median from the following frequency distribution table :

Scores	f
90-94	1
85-89	4
80-84	2
75-79	8
70-74	9
65-69	14
60-64	6
55-59	6
50-54	4
45-49	3
40-44	3
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$N = 60$	

7. Explain the concept of correlation. Find the coefficient of correlation by Rank Difference method from the following data and interpret the results : $3+10+2=15$

Individuals	A	B	C	D	E	F	G	H
Marks in Hindi	30	40	50	20	10	45	22	18
Marks in English	55	75	60	12	11	38	25	15

8. Write short notes on any *two* of the following : $7\frac{1}{2} \times 2 = 15$

- Cattel's Sixteen Personality Factors (16PF)
- Bloom's Taxonomy
- Histogram and frequency polygon
- Measures of central tendency
