

2022

( November )

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. Explain the purpose of evaluation.  $7\frac{1}{2}+7\frac{1}{2}=15$
2. What is meant by validity of a test? Explain the method of determining content validity of a test.  $5+10=15$
3. Describe in detail Likert's method of measuring attitudes. 15

4. Draw a histogram and a polygon of the following frequency distribution :  $7\frac{1}{2}+7\frac{1}{2}=15$

Class Interval	Frequency
10-14	2
15-19	6
20-24	9
25-29	12
30-34	16
35-39	10
40-44	3
45-49	2
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$N = 60$	

5. Explain the concept of central tendency. Calculate the mean and median from the following distribution :  $5+5+5=15$

Class Interval	Frequency
31-35	3
26-30	6
21-25	9
16-20	14
11-15	10
6-10	5
1-5	3
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$N = 50$	

6. What are the measures of dispersion? Calculate the standard deviation from the following frequency distribution :  $5+10=15$

Class Interval	Frequency
90-99	2
80-89	4
70-79	6
60-69	9
50-59	12
40-49	8
30-39	3
20-29	1
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$N = 45$	

7. Explain the concept of correlation. Compute the coefficient of correlation using the Rank difference method and interpret the result :  $3+10+2=15$

Students	A	B	C	D	E	F	G	H	I	J
English	50	52	55	60	62	65	64	66	70	75
Social Science	48	60	58	72	60	52	61	73	72	78

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

- Reliability of a test
- Bloom's Taxonomy of educational objectives
- Concept of normal probability curve
- Stanford-Binet test of intelligence

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