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(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

(Turn Over)

4. Draw a histogram and a polygon of the following frequency distribution :   7½+7½=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
$N = 60$	

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
$N = 50$	

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
$N = 45$	

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 :   7½×2=15

(a) Reliability of a test

(b) Bloom's Taxonomy of educational objectives

(c) Concept of normal probability curve

(d) Stanford-Binet test of intelligence

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