

2022

(February)

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. Explain the concept of measurement and evaluation. Discuss Bloom's taxonomy of educational objectives under the cognitive domain. 6+9=15
2. Give the classification of different types of test. Distinguish between standardized test and teacher-made test. 7+8=15
3. What is meant by reliability of a test? Explain the test-retest method of determining reliability. 5+10=15

4. Explain Cattell's Sixteen Personality factors (16PF) test. 15

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

$$7\frac{1}{2} + 7\frac{1}{2} = 15$$

65-69	1
60-64	3
55-59	4
50-54	7
45-49	9
40-44	11
35-39	8
30-34	4
25-29	2
20-24	1
	<u>N=50</u>

6. Calculate the mean and standard deviation :

$$5 + 10 = 15$$

Scores	f
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
	<u>N=50</u>

(3)

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

<i>Individuals</i>	:	A	B	C	D	E	F	G	H	I	J	K
<i>Marks (in History)</i>	:	80	45	55	56	58	60	65	68	70	75	85
<i>Marks (in Civics)</i>	:	82	86	50	48	60	62	64	65	70	74	90

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

- (a) Likert's attitude scale
- (b) Characteristics of a good test
- (c) Concept of normal probability curve
- (d) Validity of a test
