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(November-December)

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 evaluation. Discuss the process and purpose of evaluation.

5+5+5=15

2. Explain the concept of standardized and teacher-made test. What are the characteristics of a good test?

4+4+7=15

3. What is meant by validity of a test? Explain the method of determining content validity of a test.

5+10=15

(2)

4. Describe Cattell's Sixteen Personality Factors (16 PF). 15
5. Draw a histogram and frequency polygon for the following frequency distribution :

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

Class Interval	Frequency
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
$N = 50$	

6. (a) Explain the concept of mean.
- (b) Calculate the mean and median from the following distribution :

Class Interval	Frequency
90-99	3
80-89	5
70-79	7
60-69	10
50-59	10
40-49	6
30-39	5
20-29	4
$N = 50$	

$$5+5+5=15$$

(Continued)

(3)

7. (a) What is meant by correlation?
- (b) Calculate the coefficient of correlation from the following set of data by using Spearman's rank difference method of correlation. Interpret the data accordingly :

Marks in Statistics	81	78	73	73
Marks in Accountancy	52	60	60	64

Marks in Statistics	69	68	62	50
Marks in Accountancy	70	72	76	80

$$10+5=15$$

8. Write short notes on any two of the following : $7\frac{1}{2} \times 2 = 15$
- (a) Bloom's taxonomy of educational objectives
- (b) Test-retest method of determining reliability
- (c) Stanford-Binet test of intelligence
- (d) Characteristics of normal probability curve (NPC)
