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3 SEM TDC EDNH (CBCS) C 6

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(Nov/Dec)

EDUCATION

(Core)

Paper : C-6

(Measurement and Evaluation in Education)

Full Marks : 80

Pass Marks : 32

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

1. Answer the following questions : 1×8=8

- (a) What is psychological measurement?
- (b) Write any one principle of evaluation.
- (c) Name one non-verbal test.
- (d) What is reliability?

(2)

- (e) How many questions are there in 1905 Binet-Simon test?
- (f) Who developed TAT?
- (g) Calculate median from the following data :
7, 10, 6, 9, 8, 11, 12
- (h) Write one use of histogram.
2. Write short notes on the following : $4 \times 5 = 20$
- (a) Difference between measurement and evaluation
- (b) Concept of psychological test
- (c) Concept of self-report inventories
- (d) Grouped data and ungrouped data
- (e) Properties of normal probability curve
3. What is evaluation? Discuss different types of evaluation. $2+8=10$

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(Continued)

(3)

4. Why is calculation of reliability important? Discuss different methods of estimating reliability. $2+8=10$

Or

What is meant by norms? Discuss different types of norms. $2+8=10$

5. What is standardized test? Describe the steps used in standardization of a test. $2+8=10$

Or

What is personality test? Describe its importance in education. $2+8=10$

6. What is standard deviation? Calculate standard deviation from the following data : $3+8=11$

Class Interval	Frequency
0-10	4
10-20	6
20-30	10
30-40	15
40-50	10
50-60	8
60-70	7
	<hr/> N = 60

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(Turn Over)

7. How to check whether a correlation is positive or negative? Calculate coefficient of correlation by using rank difference method from the data given below : $3+8=11$

<i>Students</i>	<i>Marks in Science</i>	<i>Marks in Mathematics</i>
<i>a</i>	60	65
<i>b</i>	45	57
<i>c</i>	58	50
<i>d</i>	45	60
<i>e</i>	70	65
<i>f</i>	60	50
<i>g</i>	75	83
<i>h</i>	70	57
<i>i</i>	72	60
<i>j</i>	48	50
