

**3 SEM TDC EDNH (CBCS) C 6**

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( Held in April–May, 2021 )

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. (a) Write True or False of the following :  $1 \times 4 = 4$
- (i) Saurav scored 80 in English is not an example of measurement.
  - (ii) The number of cards in TAT is 15.
  - (iii) A reliable test is always valid.
  - (iv) Mean deviation is a measure of variability.
- (b) Write short answers of the following :  $1 \times 4 = 4$
- (i) "Evaluation is the assignment of symbols to phenomenon, in order to characterize the worth or value of a phenomenon, usually with reference to some social, cultural or scientific standards." Who has given the statement?

- (ii) Mention a positive aspect of standardized test.
- (iii) Mention one characteristic of psychological test.
- (iv) Write one utility of graphical representation of data.

2. Write short notes on the following :  $4 \times 5 = 20$

- (a) Formative evaluation and its importance in evaluation process
- (b) Norms of a test
- (c) Binet-Simon scale of 1937
- (d) Merits and demerits of computing quartile deviation
- (e) Properties of normal probability curve

3. What is evaluation? Write in brief about the various types of evaluation process. Discuss the importance of evaluation in the field of education.  $2+4+4=10$

*Or*

What is educational measurement? Write the needs of measurement in education. Distinguish between physical and mental measurement.  $2+3+5=10$

4. What is psychological test? Discuss individual test and group test.  $2+4+4=10$

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Or

What is reliability of a test? Mention four factors affecting reliability of a test. Discuss any two methods of estimating reliability of a test. 2+4+4=10

5. Define personality. Mention any three techniques of assessing personality. Explain in brief the word association test of personality assessment. 2+3+5=10

Or

What is standardized test? Describe the steps involved in construction of a standardized achievement test. 3+7=10

6. What is meant by statistics? State any three natures of educational statistics. 2+3=5
7. Calculate quartile deviation from the following distribution table : 6

CI	f
75-79	1
70-74	2
65-69	4
60-64	5
55-59	8
50-54	10
45-49	6
40-44	4
35-39	4
30-34	2
25-29	3
20-24	1
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$N = 50$	

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( Turn Over )

( 4 )

8. Draw a cumulative frequency curve or ogive from the following distribution : 5

CI	f
60-64	1
55-59	1
50-54	4
45-49	3
40-44	5
35-39	7
30-34	10
25-29	8
20-24	9
15-19	7
10-14	3
5-9	1
0-4	1
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$N = 60$	

9. Define the coefficient of correlation by rank difference method for the following two sets of scores : 6

X : 30 40 50 20 10 45 22 18  
Y : 55 75 60 12 11 38 25 15

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