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 : 1×4=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 : 1×4=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?

(Turn Over)

(**2**)

  (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 : 4×5=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

(Continued)

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
	$N = 50$

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
	$N = 60$

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

★ ★ ★