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

**2 0 2 1**

( Held in January/February, 2022 )

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) Psychological measurement has no true zero point.
- (ii) Reliability means consistency.
- (iii) The number of cards in Rorschach inkblot test is 10.
- (iv) The concept of IQ was first suggested by Alfred Binet.

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(b) Write short answers of the following :

1×4=4

(i) What is formative evaluation?

(ii) Mention one of the internal factors that affect reliability of a test.

(iii) Mention one property of range.

(iv) Write the formula of rank difference method of correlation.

2. Write short notes on the following : 4×5=20

(a) Continuous and comprehensive evaluation

(b) Content validity

(c) Differential aptitude test

(d) Types of data

(e) Coefficient of correlation

3. What is educational evaluation? How does it differ from educational measurement? Discuss the importance of evaluation in education.

2+5+4=11

Or

What is meant by educational measurement? Write three characteristics of physical measurement. Discuss the importance of measurement in education.

2+3+6=11

4. What is called norm? Explain the different types of norm. 2+7=9

*Or*

What is standardized test? Describe the steps involved in construction of a standardized achievement test. 2+7=9

5. What are self-report inventories? Describe the advantages and disadvantages of self-report inventories as tools of assessment of personality. 2+4+4=10

6. What is meant by the term 'educational statistics'? Explain its importance in the field of education. 2+3=5

7. Calculate the standard deviation from the following distribution table : 6

<i>Class interval</i>	<i>Frequency</i>
85-89	1
80-84	2
75-79	3
70-74	5
65-69	5
60-64	15
55-59	10
50-54	12
45-49	7
40-44	8
35-39	2
	N = 70

8. Draw an ogive or cumulative frequency curve from the data given below :

5

<i>Class interval</i>	<i>Frequency</i>
95-99	2
90-94	5
85-89	6
80-84	12
75-79	10
70-74	16
65-69	13
60-64	7
55-59	4
	$N = 75$

9. Determine the correlation coefficient by rank difference method from the following two sets of scores and interpret the result :  $5+1=6$

X	19	29	24	27	16	56	22	32	18	24
Y	32	24	42	54	42	67	58	57	49	87

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