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

**2022**

( 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. (a) Write True or False of the following : .

1×3=3

- (i) Psychological measurement is qualitative in nature.
- (ii) The Stanford Revision of the Binet-Simon Intelligence Scale, 1916 included 59 test items.
- (iii) Validity ensures the reliability of a test.

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- (b) Fill in the blanks :  $1 \times 3 = 3$
- (i) Differential Aptitude Test (DAT) was first published in the year \_\_\_\_.
- (ii) Achievement quotient is calculated by dividing the academic achievement level by the \_\_\_\_ and multiplied by 100.
- (iii) Multiple choice-type test is a \_\_\_\_ test.
- (c) Write short answers of the following :  $1 + 1 = 2$
- (i) Who invented the technique of Word Association Test (WAT)?
- (ii) In a distribution, the value of 3rd quartile (Q3) is 85 and the value of 1st quartile (Q1) is 35. Find out the value of quartile deviation (QD).
2. Write short notes on the following :  $4 \times 5 = 20$
- (a) Formative evaluation
- (b) Group test
- (c) Rorschach inkblot test
- (d) Grouped and ungrouped data
- (e) Continuous variable

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3. What is measurement? Discuss the importance of measurement in education.  $2 + 8 = 10$
- Or
- What is evaluation? Mention the principles of evaluation.  $2 + 8 = 10$
4. What is Psychological test? Write in brief about the characteristics of a good test.  $2 + 8 = 10$
- Or
- What is verbal and non-verbal test? Describe the merits and demerits of verbal and non-verbal test.  $2 + 4 + 4 = 10$
5. What is reliability of a test? Explain any two methods of estimating the reliability of a test.  $2 + 4 + 4 = 10$
- Or
- What is aptitude test? Discuss on the educative value of aptitude test.  $4 + 6 = 10$
6. What is meant by central tendency? Mention the measures of central tendency. Describe about the merits and demerits of central tendency.  $1 + 1 + 8 = 10$
- Or
- What is variability? Discuss about the educational significance of measuring variability. Mention the advantages and limitations of standard deviation.  $1 + 5 + 4 = 10$

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7. What is normal probability curve? What are the properties of normal probability curve?

1+4=5

Or

Draw a pie diagram from the following data : 5

<i>Subjects</i>	<i>Total Students</i>
Economics	20
Education	25
English	35
Political Science	45
Sociology	55

8. Compute coefficient of correlation by Rank Difference Method from the following data : 7

<i>Sl. No.</i>	<i>Subject—1</i>	<i>Subject—2</i>
1	20	50
2	40	80
3	50	30
4	25	45
5	60	70
6	30	35
7	29	27
8	10	15

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