

Total No. of Printed Pages—4

3 SEM TDC EDN M 2

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(November)

EDUCATION

(Major)

Course : 302

(Educational Measurement and Evaluation)

Full Marks : 80

Pass Marks : 32/24

Time : 3 hours

The figures in the margin indicate full marks for the questions

1. (a) Write True or False of the following : $1 \times 5 = 5$
- (i) Sachin scored 70 in science is not an example of measurement.
 - (ii) A valid test may not be reliable.
 - (iii) The concept of Intelligence Quotient (IQ) was first suggested by Alfred Binet.
 - (iv) Rorschach Inkblot Test is a projective technique of assessing personality.
 - (v) Anecdotal Record should not contain the opinion of the record keeper.

(2)

- (b) Give very short answers of the following : 1x3=3
- (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) Write one advantage of mean.
 - (iii) Mention one property of range.

2. What is meant by measurement? Write the nature of measurement. Distinguish between measurement and evaluation. 2+3+5=10

Or

What is meant by evaluation? How far are measurement and evaluation necessary in the field of education? Discuss the characteristics of continuous and comprehensive evaluation. 2+3+5=10

3. What do you mean by a test? Mention the steps to be followed in the construction and standardization of an achievement test. Describe in brief the characteristics of a good test. 2+3+5=10

Or

What is meant by validity? Explain face validity, content validity and concurrent validity of a test. 2+2+3+3=10

8P/250

(Continued)

(3)

4. What is intelligence test? Name any three individual intelligence tests. Differentiate between individual intelligence test and group intelligence test. 2+3+5=10

Or

What is projective technique of assessing personality? Write any three characteristics of projective technique. Explain Rorschach Inkblot Test and Thematic Apperception Test in brief. 2+3+5=10

5. Calculate quartile deviation from the following distribution : 6

Class Interval	f
45-49	2
40-44	3
35-39	2
30-34	17
25-29	30
20-24	25
15-19	15
10-14	3
5-9	2
0-4	1
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N = 100	

6. What is meant by measure of central tendency? State any two advantages of central tendency. 2+2=4

8P/250

(Turn Over)

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

Class Interval	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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	$N = 60$

8. Compute the coefficient of correlation by Product Moment Method from the following two sets of scores :

Boys	A	B	C	D	E	F
Marks in English	5	15	10	20	25	30
Marks in Science	21	14	28	7	35	42

9. Write short notes on the following :

$5 \times 4 = 20$

- Merits of Percentile Norm
- Special Aptitude Test
- Scopes of Educational Statistics
- Merits and limitations of Rank Difference Method