

SADBHAVNA COLLEGE OF EDUCATION FOR WOMEN
M.ED (III SEMESTER) HOUSE EXAM

December 2019

Paper III –MEASUREMENT, ASSESSMENT AND EVALUATION

M.M.70

TIME: 3 HOURS

NOTE: Attempt Any Question from Unit-I to Unit-IV in which each question carry 15 marks. Unit-V Is Compulsory and each question carries 2.5 marks

UNIT-I

1. Explain the concept and importance of measurement and evaluation.

OR

2. Explain in detail nominal, ordinal, Interval and Ratio scales of psychological measurement.

UNIT-II

3. What are the norm reference and criterion referenced tests? Differentiate between the two .

OR

4. What are the steps in standardization of achievement tests? Explain item difficulty and item discrimination index . Also explain the meaning of validity and reliability of the tests.

UNIT-III

5. Children of three ages are asked to indicate their preference for three photographs of adults. Do the data suggest that there is a significant relationship between age and photograph preference? What is wrong with this study? [Chi-Square = 29.6, with 4 d.f.: $p < 0.05$].

		Photograph:		
		A	B	C
Age of child:	5-6 years:	18	22	20
	7-8 years:	2	28	40
	9-10 years:	20	10	40

OR

6. Explain the meaning and concept of linear regression equation.

UNIT-IV

7. Calculate point biserial r in the following problem of item analysis: Test its significance.

Students Test Scores(X) Item scores(Y)

1	75	1
2	62	1
3	80	1
4	73	1
5	58	0
6	60	0
7	70	1
8	72	1
9	55	0
10	57	1
662		7

8. Two items X and Y are a part of a test .These items are passed and failed by a group of 120 students as under. Find phi Correlation between these two items.

		Item Y	
		Failed	Passed
Passed	27	42	69
B	A	A+B	
Failed	39	12	51
D	C	C+D	
Totals	66	54	120
	B+D	A+C	A+B+C+D

9.

UNIT-V

1. Give difference between Formative and Summative Evaluation with examples.
2. What are the various types of tests? Explain Essay type and Objective type tests.
3. What do you understand by Standard Error of Mean and degrees of Freedom?
4. (a) Null Hypothesis
(b) Level of Significance.

