

M.A. Examination 2018
Semester-III
Education
Course : EDN-332
(Assessment in Education)

Time : 3 Hours

Full Marks : 70

Questions are of value as indicated in the margin.

1. Attempt **any four** questions from the following: 4×10=40
- a) Explain assessment as a process. Describe the assessment procedures to monitor learning progress of students in classroom instruction. 3+7
- b) Define intelligence. What are the types of intelligence test? Describe in details about any intelligence test standardized in India. 2+2+6
- c) What do the indices of item difficulty and item discrimination indicate? Determine the discrimination index for each item of a certain test from the following data indicating the number of students responding the item correctly under the different groups. Judge the suitability of the items for inclusion in the final test. 2+8

Item	Lower Group (n=27)	Middle Group (n=46)	Upper Group (n=27)
1.	27	20	27
2.	27	40	02
3.	04	02	21
4.	12	19	18

- d) Enumerate the characteristics of a standardized test. What are the steps to construct a standardized test in the field of education? Discuss each step with appropriate examples wherever possible. 2+8
- e) Differentiate standard score and normalized standard score. Find out the normalized standard score (z' and Z') for the following raw scores: 2+8

Raw Score	22	23	24	25	26	27	28	29	30	31	32
Frequency	2	4	7	9	10	12	11	9	6	3	2

2. Answer **any four** questions from the following: 4×5=20
- a) What is meant by Credit Transfer System? What are the issues need to be addressed for its successful implementation in the institution of higher learning in India? 1+4
- b) Prepare a Table of Specifications for any test in education. 5
- c) What are meant by 'test' and 'test item'? Describe the general principles of writing test items. 2+3
- d) Define reliability and validity of any test in terms of variance. Determine the validity index of certain test from the following data: 2+3

Test Prediction	Criterion Performance	
	Successful	Unsuccessful
Successful	103	11
Unsuccessful	75	36

P.T.O.

(2)

- e) Distinguish sigma score and Z-score. Find out the sigma score and Z-score for a raw score of 15 in a distribution with a mean of 18 and SD of 1.5. Graphically represent the obtained Z-score. 1+3+1
3. Answer the following three questions: 3×2=6
- a) Construct one negative item and another item with double negatives for a Questionnaire. 2
- b) Explain with two distinct examples about norm-referenced and criterion referenced interpretation of any student performance. 2
- c) How to attain objectivity in scoring essay and multiple choice items? 2
4. Choose and write the correct choice of the following four items : 4×1=4
- a) What should be the suitable difficulty index for items of a Screening Test?
(i) From .80 to .90 difficulty index (ii) Considerably more difficult
(iii) Considerably moderate difficult (iv) Within .40 to .60 difficulty index
- b) A student with a Stanine score of 6 is placed somewhere:
(i) Below 23rd percentile (ii) Between 60th and 23rd percentile
(iii) Between 77th and 60th percentile (iv) Above 77th percentile
- c) Co-efficient of internal consistency for a test not containing dichotomous items is measured when:
(i) The same test is administered in two different testing sessions
(ii) Two halves of the same test is administered simultaneously
(iii) The same test is administered only once
(iv) Two equivalent forms of the same test is administered with minimum time lag
- d) The most suitable method of determining reliability for a performance test is :
(i) Test-retest method (ii) Parallel forms method
(iii) Split-half method (iv) Rational equivalence method
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