2018

(June)

EDUCATION

Course No. EDNC-203

Educational Testing and Evaluation

Full Marks – 75

Time 3 Hours

The figures in the margin indicate full marks for the questions

Answer any **five** questions.

1. What is the importance of educational objectives? Explain the taxonomy of educational objective under the psycho-motor domain.　　　　6+9=15

2. Distinguish between measurement and evaluation. Explain the advantages of internal assessment.　　　　8+7=15

3. What is meant by validity? Discuss any two types of validity.　　　　5+10=15

4. Define age and grade norms with examples. State the advantages and disadvantages of z-score as the norm.　　　　5+5+5=15

5. Explain the construction and standardization of an attitude scale by using the Likert method.　　　　15

6. Discuss the steps involved in the construction and standardization of an achievement test.　　　　15

7. a) Differentiate between parametric and non-parametric tests.　　　　5+10=15

   b) The following judgements were classified into six categories taken to represent a continuum of opinion;

Categories	I	II	III	IV	V	VI	Total
Judgements	48	61	82	91	57	45	384

   Test given distribution versus normal distribution hypothesis.

(PTO)

8. a) What is one way ANOVA?

    5+10=15

    b) Three varieties of wheat A, B & C were grown on four plots. Production of all three varieties of wheat's is as follows;

Per acre production of 3 varieties of wheat		
A	B	C
6	5	5
7	5	4
3	3	3
8	7	4

    Test the hypothesis, if the varieties of wheat differ significantly in terms of production.

9. Write a short note on any **two** of following-

    7 ½ +7 ½ =15

    a) Percentile Score
    b) Factors influencing reliability of the test
    c) Question bank
    d) Uses of Chi-square test