



# SLIATE

SRI LANKA INSTITUTE OF ADVANCED TECHNOLOGICAL EDUCATION

(Established in the Ministry of Higher Education, vide in Act No. 29 of 1995)

## Higher National Diploma in English/ Information Technology

Second Year, Second Semester Examination – 2016

EN 2221: Educational Measurement Full Time & Part Time - HNDIT 2443 F/T

Instructions for Candidates:

**Answer 05 questions including question 01**

**All questions carry equal marks.**

No. of questions: 06

No. of pages : 04

Time : 03 Hours

### Question 01

Answer all the questions.

- a. State true (T) or false (F)
  - i. Evaluation is a process which only provides grades and certificates.
  - ii. Teachers can get to know the learning difficulties of students with the help of evaluation.
  - iii. Measuring the height, weight and/or length of an object or a person is known as physical measurement.
  - iv. Formative evaluation does not provide feedback continuously necessary for the teachers as well as students.
  - v. The entrance examination conducted for HND in English candidates by ATI is an example for 'Placement Evaluation'.
  - vi. Process evaluation is formative evaluation.

(1 x 6 = 6Marks)

- b. Fill in the blanks.

- i. Define measurement.

.....  
 .....  
 .....

(2 Marks)

- ii. Write two advantages of evaluation to students.

.....  
 .....  
 .....

(2 Marks)

iii. Define the term 'Test'

.....  
.....  
.....

(2 Marks)

iv. Briefly explain why evaluation is important to researchers.

.....  
.....  
.....

(2 Marks)

v. What is Criterion Referenced Measurement?

.....  
.....  
.....

(2 Marks)

vi. Name two key competencies.

.....  
.....

(2 Marks)

vii. Name the two educational psychologists who analyzed cognitive domain.

.....  
.....

(2 Marks)

**(Total 20 Marks)**

**Question 02**

(i) Match column 'A' with 'B'

<b>Basic Concepts</b>	<b>Definition</b>
1. Assessment	a. A systematic evaluation method
2. Test	b. It happens in the beginning, in the middle and at the end in the various occasions in the learning

	teaching process.
3. Measurement	c. Making a judgement to the student on the basis of data collected by tests and other assessments.
4. Evaluation	d. The process of obtaining a numerical value with a description in which an individual possesses a particular characteristic.

(8 Marks)

- ii. Name the four types of evaluation procedures. (04 Marks)
- iii. Explain them briefly by giving an example for each . (2x4=12 Marks)
- (Total 20 Marks)**

### Question 03

- (i) Write short notes for the followings.
- a) Educational Goals (aims)
- b) General Objectives
- c) Specific Objectives (06 Marks)
- (ii) Explain Bloom's Taxonomy of Cognitive Domain with relevant examples.(08 Marks)
- (iii) What are the changes you notice in Anderson's classification when it is compared with Bloom's classification? (06 Marks)
- (Total 20 Marks)**

### Question 04

- (i) Briefly explain the three domains identified by Dr. B. S. Bloom. (06 Marks)
- (ii) What are achievement tests? (04 Marks)
- (iii) What is "a table of specification" and why it is important in test construction? (10 Marks)
- (Total 20 Marks)**

### Question 05

- (i) Say whether the following statements are true (T) or false (F).

- a) 'Appropriateness' is a proper term we can use to describe 'validity' of a test. ....
- b) Content validity cannot be checked by using a Table of Specification. ....
- c) Intelligence tests, aptitude tests and personality tests are constructed by using accepted intelligence theories. ....
- d) Concurrent validity is a research based inquiry. ....

(04 Marks)

(ii)

Define the terms,

- a) Test Score
- b) True Score
- c) Error

(06 Marks)

(iii) What is practicability? Explain.

(04 Marks)

(iv) Draw a flow chart to show a classification for 'Types of Items for Written Tests.'

(06 Marks)

**(Total 20 Marks)**

### Question 06

The marks obtained by 50 students of Grade 11 for their Term test (English subject) are given below.

88	76	89	54	79	49	54	46	47	55
77	45	65	63	89	70	51	77	85	67
45	83	69	83	85	72	72	46	71	74
38	54	65	53	53	65	74	58	64	66
64	83	55	78	76	65	43	83	67	77

- (i) Prepare a frequency distribution table for the above marks, taking 35 -39 as the lowest class interval. Include the columns of Class Interval, progression, frequency, Real limits, d and fd.

(6 columns x 2 = 12 Marks)

- (ii) Draw a frequency polygon based on the frequency distribution table you have prepared. Supply a suitable title.

(2 +6 =08 Marks)

**(Total 20 Marks)**