

**FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA, NIGERIA**  
**DEPARTMENT OF EDUCATIONAL TECHNOLOGY**  
**FIRST SEMESTER EXAMINATION RESULTS**  
**2016/2017 SESSION**

**Full Title of Examination:** Bachelor's Degree (B.Tech.)

**Level:** 400

**Course Title:** Distance Learning Models & Technologies

**Course Code:** EDT 413

**Date of Examination:** April, 2017

**Duration:** 2hours

**Course Lecturer:** Dr. Gambari, Amosa Isiaka

**Instruction to Candidates**

**Answer:** Answer any Four Questions

1.
  - (a) Define Open and Distance Learning (1 Mark)
  - (b) State the Characteristics of ODL (Any 4 =  $\frac{1}{2}$  Mark  $\times$  4 = 2 Marks)
  - (c) Distinguishing the types of open and distance learning (Any 8 =  $\frac{1}{2}$  Mark  $\times$  8 = 4 Marks)
  - (d) State the advantages of open and distance learning (Any 4 =  $\frac{1}{2}$  Mark  $\times$  4 = 2 Marks)
  - (e) Differentiate between Textbook and ODL Materials (Any 4 =  $\frac{1}{2}$  Mark  $\times$  12 = 6 Marks).
2.
  - (a) Functions of open and distance learning (Any 8 =  $\frac{1}{2}$  Mark  $\times$  8 = 4 Marks)
  - (b) Kinds of open and distance learning systems (Any 3 =  $\frac{1}{2}$  Mark  $\times$  3 =  $1\frac{1}{2}$  Marks)
  - (c) Define Instructional Design (1Mark)
  - (d) Define Key Concepts in Instructional Design (Any 5 =  $1\frac{1}{2}$  Mark  $\times$  5 =  $7\frac{1}{2}$  Marks)
  - (e) Define a learner profile (1 Mark).
3.
  - (a) Identify various types of instructional design models and discuss any two (Any 4 =  $\frac{1}{2}$  Mark  $\times$  4 = 2 Marks)  
(Discussion of each model = 3 marks  $\times$  2 = 6 marks) (6 + 2 = 8 Marks)
  - (b) identify any four category of technologies used in distance learning (Any 4 =  $\frac{1}{2}$  Mark  $\times$  4 = 2 Marks)
  - (c) List and explain one advantage and disadvantage for each category of technologies (Any 1 =  $\frac{1}{2}$  Mark =  $\frac{1}{2}$  Mark)
  - (d) Explain how to incorporate video category of technology into distance learning (Any 3 =  $\frac{1}{2}$  Mark =  $1\frac{1}{2}$  Marks)
  - (e) Identify any five contents of a Learners' Profile (Any 5 =  $\frac{1}{2} \times 5$  Mark =  $2\frac{1}{2}$  Marks)
4.
  - (a) What is the meaning of audio technology? (1 Mark)
  - (b) Briefly explain three types of Audio Technology (Any 3 = 1 Mark  $\times$  3 = 3 Marks)
  - (c) State three merits and demerits of Audio Technologies (Any 3 =  $\frac{1}{2}$  Mark  $\times$  3 =  $1\frac{1}{2}$  Marks)
  - (d) Explain any three guidelines for incorporating of audio technologies (Any 5 =  $\frac{1}{2}$  Mark  $\times$  5)
  - (e) List the components of ODL Material (Any 8 =  $\frac{1}{2}$  Mark  $\times$  8 = 4 Marks)
5.
  - (a) What is the meaning of video technologies (1 Mark).
  - (b) Briefly explain three **types of video technologies** (Any 5 = 1 Mark  $\times$  5 = 5 Marks)
  - (c) State three merits and demerits of video technologies (Any 3 =  $\frac{1}{2}$  Mark  $\times$  3 =  $1\frac{1}{2}$  Marks)
  - (d) Explain any three guidelines for incorporating video technologies into distance learning (Any 4 =  $\frac{1}{2}$  Mark  $\times$  4 = 2 Marks)
  - (e) Explain any three guidelines for incorporating online delivery into distance learning (Any 3 =  $\frac{1}{2}$  Mark  $\times$  3 =  $1\frac{1}{2}$  Marks)