

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: 2 hours

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)