



**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI-ABUJA**

**FACULTY OF EDUCATION**

**2025\_2 EXAMINATIONS**

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**COURSE CODE: EDT830**

**COURSE TITLE: MULTIMEDIA TECHNOLOGY IN TEACHING AND LEARNING**

**CREDIT UNIT: 2**

**TIME ALLOWED: 2 HOURS**

**INSTRUCTIONS: ANSWER QUESTION 1 & ANY OTHER TWO (2) questions**

**TIME: 2 HRS**

1. Multimedia involves integrating various media elements (audio, text, video, pictures and the like) designed to engage learners actively. As a teacher in the digital learning space, discuss five key instructional benefits of using multimedia to enhance the teaching-learning process. (25 marks)
  - b. Distinguish between multimedia production and multimedia delivery (5 marks)
2. Instructional designers use learning theories to structure effective learning experiences for students. With this in mind, discuss the implications of behaviourism and cognitivism learning theories for instructional design. (14 marks).
  - b. Distinguish between alpha and beta testing in multimedia production (6 marks).
3. Multimedia production involves a systematic approach to designing, developing, and delivering instructional content to enhance the learning experience. Effective scriptwriting is essential to achieving this goal. Based on this, analyze five key stages that should be followed to ensure successful scriptwriting in the multimedia production process. (20 marks).
4. Evaluating multimedia is a crucial step in the production of learning resources to facilitate the instructional process. As a classroom teacher, discuss 4 basic issues you need to consider in evaluating multimedia. (16 marks)
  - b. Differentiate between formative and summative evaluation in the multimedia production process. (4 marks).