NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi, Abuja
Faculty of Education

PROGRAMME: M.ED
COURSE TITLE: MULTIMEDIA TECHNOLOGY IN TEACHING AND LEARNING
COURSE CODE: EDT830
CREDIT UNIT(s): 2
TIME ALLOWED: 2 HOURS

INSTRUCTION: Answer question no. one (1) and any other two (2) questions
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Question 1

(a) Write short notes on the following terms in relation to multimedia production.
  i. Scanning
  ii. Image Editing
  iii. Tweening
  iv. Prototyping
  v. Sound Editors **(15 Marks)**
(b) Highlight the major stages of scriptwriting process and describe how each stage is important in the production of multimedia programme. **(15 Marks)**

Question 2

(a) Explain five different ways in which a teacher can use multimedia technology to present a lesson in the classroom. **(10 Marks)**
(b) As an educational technologist, how would you justify the application of multimedia technology to teacher education programme? **(10 Marks)**

Question 3

(a) Justify the consideration of the following factors in an effort to produce a good multimedia technology for classroom purpose.
  i. Audience
  ii. Resources **(10 Marks)**
(b) Analyze the steps to conduct internal and external evaluation of software development in instructional design of educational multimedia product. **(10 Marks)**

Question 4

(a) Explain the procedures that could be taken to ascertain quality control of educational multimedia products **(12 Marks)**
(b) Briefly describe the functions of the following media personnel in the production of educational multimedia products
  i. Instructional Designer   ii. Production Manager **(8 Marks)**