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MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY  
MAIN CAMPUS  
UNIVERSITY EXAMINATIONS

2022/2023 SECOND SEMESTER MAIN EXAMINATION  
FOR

MSC. AGRICULTURE EXTENSION/RURAL DEVELOPMENT/AGED

COURSE CODE: **AEX 804**

COURSE TITLE: **EXTENSION MONITORING AND EVALUATION**

DATE: ...20<sup>th</sup> April 2023.....  
.....

TIME...8-11 AM

**INSTRUCTIONS TO CANDIDATES**

Answer **Question ONE** and any other **two** questions in section B

TIME: 3 HOURS

MMUST observes ZERO tolerance to examination cheating

**QUESTION ONE:**

1. a) Discuss five complementary roles that monitoring and evaluation can play during monitoring and assessment of any project  
  
–Five for monitoring and five for evaluation by indicating when should monitoring and evaluation take place in tracking the performance of an organization (10 marks)  
  
b) State and describe various types of evaluation according to when they occur in the project cycle (10 Marks)
  
2. a) Describe the M&E system of any organization by stating and briefly discussing the steps involved in developing a M&E system of any organization (5 Marks)  
  
c) Discuss the 6 main components of a project Monitoring and evaluation system (5 Marks)  
  
d) By description of the principles of participatory Monitoring and evaluation; describe critical decisions you make when considering participatory M&E (10 Marks)
  
3. Discuss programme evaluation questions under the following;
  - a. Needs assessment (4 Marks)
  - b. Program theory assessment (4 Marks)
  - c. Process evaluation (4 Marks)
  - d. Impact/outcome evaluation (4 Marks)
  - e. Assessment of efficiency (4 Marks)

4 A) By definition of an indicator as applied in Monitoring and evaluation; discuss seven criteria for the selection of indicators for use in project monitoring and evaluation (8 Marks)

B) Explain the following:

f. Output indicators (2 Marks)

g. Impact indicators (2 Marks)

h. Exogenous indicators (2 Marks)

i. Time dimension indicators (2 Marks)

j. Quantitative indicators (2 Marks)

k. Qualitative indicators (2 Marks)