



**AMREF INTERNATIONAL UNIVERSITY**  
**SCHOOL OF PUBLIC HEALTH**  
**DEPARTMENT OF COMMUNITY HEALTH**  
**MASTER OF PUBLIC HEALTH**  
**END OF SEMESTER EXAMINATION DECEMBER 2024**  
**PROJECT DESIGN AND MANAGEMENT**

**UNIT CODE:** MAP 721

**DATE:** XX December, 2025

**TIME:** Three Hours **Start:** 1600 Hours **Finish** 1900 Hours

**INSTRUCTIONS**

1. This exam is marked out of 100 marks
2. This Examination comprises TWO Sections  
**Section A:** Compulsory Question (25 marks)  
**Section B:** Long Answer Questions (75 marks)

**SECTION A: COMPULSORY (25 Marks)**

**Short Answer Questions**

1. Describe the following terms as used in Project design and management; *scope, resources, schedule and quality* (5marks)
2. Differentiate between a Project and a portfolio (5 Marks)
3. State 5 qualities of a Project manager competencies (5 Marks)
4. Describe Project management tools that are crucial during Phase 3 of the project cycle (*Planning, Implementation and Control*) (5 Marks)
5. List five benefits of the SWOT analysis during the project initiation phase (5Marks)

**SECTION B (Set 5 Questions)**

**ANSWER ANY THREE (3) QUESTIONS (75 Marks)**

**Long Answer Questions**

6. Elucidate examples of five assessment tools used during the formative and baseline phase of a project (25 Marks)
7. a.) Describe with examples 5 importance of problem analysis during the project initiation phase (10 Marks)  
b.) State at least five important activities that are conducted during in Phase 5 Closeout/Transition phase of a project (15 Marks)
8. The purpose of an implementation plan is to ensure that deliverables arrive on time, on budget and according to scope; discuss the following activities in relation to the above statement *i. Activity Definition ii. Activity Sequencing iii. Activity Resource Estimating iv. Activity Duration v. Activity Schedule* (25 Marks-5 marks each)
9. Discuss the following in relation to risk planning and management in project design and management (25marks)
  - i. Risk identification
  - ii. Risk assessment
  - iii. Risk response planning
  - iv. Risk monitoring and control
10. i. Document with appropriate examples the importance of Monitoring, Evaluation, Research and Learning in project implementations (10 Marks)  
ii. Describe major differences between monitoring and evaluation of activities (5 Marks)  
iii. Illustrate two major applications of “**learning**” as an exit strategy for a project (10Marks)

