KISII UNIVERSITY

UNIVERSITY EXAMINATIONS
FOURTH YEAR EXAMINATION FOR THE AWARD OF
THE DEGREE OF BACHELOR OF SCIENCE IN GEOPHYSICS AND MINERALOGY

SECOND SEMESTER 2021/2022
(FEBRUARY – JUNE, 2022)

PHRE/ BSMN 421: PROJECT MANAGEMENT

STREAM: Y4 S2   **TIME: 2 HOURS**

DAY: WEDNESDAY, 9:00 AM – 11:00 AM   **DATE: 11/05/2022**

INSTRUCTIONS

1. *Do not write anything on this question paper.*
2. *Answer Section A (Compulsory) and any other TWO Questions in section B.*

SECTION A: ANSWER ALL QUESTIONS (40 MARKS)

1. Explain these concepts as used in project management

   i.   Project   (1mark)

   ii.   Governance   (1mark)

          Management   (1mark)

   iii.   Planning   (1mark)

   iv.   Evaluation   (1mark)

2. Write short notes on the following

   i.   Business Case   (2 marks)

   ii.   Aintegration   (3 marks)

3. State the importance of the following in project management

   i.   Project organization structure   (2 marks)

   ii.   Feedback   (3 marks)

4. State Fayol's functions of management   (5 marks)

5. Schematically outline the project framework (5 marks)

6. State five areas of where control is applied in a project (5 marks)

7. The Government of Kenya's Last Mile electrification through the Kenya Power and Lighting Company project has 12 stakeholders. How many channel of communications are there between these stakeholders (2 marks)

8. Transform the WBS given below into a Network Diagram and draw a precedence diagram for the following set of project activities? Identify the critical path (5 marks)

Activity	Predecessor	Duration in working days
A	-	5
B	-	4
C	A	3
D	A	4
E	A	6
F	B and C	4
G	D	5
H	D and E	6
I	F	6
J	H and G	4

SECTION B: ANSWER ANY TWO QUESTIONS (30 MARKS)

9. i. Highlight the important points in project closure (5 marks)

   ii. Discuss project controlling methods and tools (10 marks)

10. i. Why is project management good for business (7 marks)

    ii. Discuss simple rules for avoiding and resolving conflicts in the project team (8 marks)

11. i. Describe the project cycle (5 marks)

    ii. Discuss the golden rules of project success (10 marks)