REFORMED CHURCH UNIVERSITY

FACULTY OF COMMERCE

BACHELOR OF COMMERCE HONOURS DEGREE IN PROJECT MANAGEMENT

FUNDAMENTALS OF PROJECT MANAGEMENT

HPMG 111

PART 1 SEMESTER 1 EXAMINATION

TOTAL MARKS   [100]

DATE: OCTOBER 2024

Time: 3 Hours

INSTRUCTIONS

1   This paper has *six (6)* questions

2   Answer Question One *(1)* and any other *three (3)*

3   Each question carries *25 marks*

4   Start each question on a new page

Question 1

Activity	Immediate predecessor	Optimistic time	Most likely time	Pessimistic time
A	-	4	6	8
B	-	3	5	9
C	-	4	7	11
D	A	2	3	6
E	B	3	4	12
F	C	4	8	13
G	C	3	3	8
H	E,F	6	6	10
I	D	5	8	12
J	H,G	3	3	8

a. Construct a network for the project   (10 Marks)
b. Identify those activities comprising the critical path.   (3 Marks)
c. What is the project's estimated duration?   (2 Marks)
d. Construct a table showing for each activity, its activity duration, earliest start time, latest
                                                                            (5Marks)
e. Calculate the ES, EF, LS and LF   (5 Marks)

Question 2

With the aid of practical examples, discuss the importance of ethics in project management.
                                                                            (25 Marks)

Question 3

Evaluate the view that project success is dependent on the ability of the project team to address the various project constraints.   (25 Marks)

Question 4

Citing specific examples, explain the contribution of any 5 environmental factors to project

Question 5

Explain the effects of Scope Creep on project success, highlighting how projects may be protected against its effects.   (25 Marks)

Question 6

'To be successful, any project must conform to standards'. Discuss this assertion citing relevant examples.
(25 Marks)

END OF PAPER