



REFORMED CHURCH UNIVERSITY

FACULTY OF COMMERCE

**BACHELOR OF COMMERCE HONOURS DEGREE IN LOGISTICS
AND SUPPLY CHAIN MANAGEMENT**

PROJECT MANAGEMENT

HLSM 402

PART 4 SEMESTER 1 EXAMINATION

TOTAL MARKS [100]

DATE: JULY 2022

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

1. Project Management has evolved into a business process rather than merely a project management process. Discuss. 25marks

2. Examine the portfolio of skills required by the project manager. 25marks

3. With the aid of diagrams, explain how the application of the Gantt chart enhance project performance. 25marks

4. Consider the details of a project as shown in the table:

ACTIVITY	IMMEDIATE PREDECESSOR(S)	OPTIMISTIC	MOST LIKELY	PESSIMISTIC
A	-	5	15	25
B	-	5	10	45
C	-	20	25	60
D	A	10	40	40
E	B	5	10	45
F	C	15	15	45
G	C	5	10	15
H	D, G	15	30	45
I	E, F	10	20	60

a) Determine the mean time for each activity 9marks

b) Draw a network diagram for the project. 6marks

c) Identify the Critical Path and calculate the duration of the project. 6marks

d) State any four advantages of Critical Path Model. 4marks

5. Evaluate any five project attributes that are important for the Project manager to identify and act upon 25marks

6. Explain the difference between PERT and CPM. 25marks

End of Paper