

THE PAPUA NEW GUINEA UNIVERSITY OF TECHNOLOGY
THE DEPARTMENT OF ARCHITECTURE & CONSTRUCTION MANAGEMENT
SECOND SEMESTER EXAMINATION
THIRD YEAR BACHELORS IN CONSTRUCTION MANGEMENT
CM322 – CONSTRUCTION MANAGEMENT IV

Room: L2
Date: Tuesday 24th October 2023
Duration: 3 hours
Time 8:20 am to 11.30 am

Information to Candidate

1. You have 10 minutes to read the paper. Do not begin writing during this period.
2. Fill in the Attendance Slip with your name and student I.D. number now.
3. There are two (2) pages to this exam paper including the cover page.
4. There are six (6) questions and you are to answer all questions.
5. ALL ANSWERS MUST BE WRITTEN IN THE ANSWER BOOK(S) PROVIDED.
6. Each Question must be answered starting on a New Page.
7. Notes, Textbooks and Electronic devices are **NOT ALLOWED** in the Exam Room.

WRITE YOUR NAME AND ID NUMBER CLEARLY ON THE FRONT PAGE OF THE EXAM BOOKLET DO IT NOW.

TOTAL MARKS = 100 MARKS

Question #1

[9 Marks]

Explain any three (3) factors that characterize the construction industry that makes it difficult to manage the human resources.

Question #2

[20 Marks]

- a. List and explain on three (3) steps involved in method study. (15)
- b. State the five (5) scope of works in method study (5)

Question #3

[30 Marks]

- a. Describe the roles and the need for facility management. (15)
- b. List and explain at least five (5) steps in maintenance planning (15)

Question #4

[12 Marks]

List and explain on the three (3) outcomes to a negotiation.

Question #5

[9 Marks]

State and explain the three (3) elements of buildability.

Question #6

[20 Marks]

Explain critically what is quality assurance?

End of Exam