

THE PAPUA NEW GUINEA UNIVERSITY OF TECHNOLOGY
THE DEPARTMENT OF ARCHITECTURE & CONSTRUCTION MANAGEMENT
FIRST SEMESTER SUPPLEMENTARY EXAMINATION
SECOND YEAR BACHELORS IN CONSTRUCTION MANAGEMENT
CM 212 – CONSTRUCTION MANAGEMENT

Room: Studio # 1
Date: Wednesday 29th May 2024
Duration: 3 hours
Time 8.20 to 11.20 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 nine (9) questions and you are to answer all questions.
4. ALL ANSWERS MUST BE WRITTEN IN THE ANSWER BOOK (S) PROVIDED.
5. Each Question must be answered starting on a New Page.
6. Notes, Textbooks and Electronic devices are **NOT ALLOWED** in the Exam Room.

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

TOTAL MARKS = 175 MARKS

Question #1

Identify and describe briefly the four (4) concepts behind the building regulation. (20 marks)

Question #2

Differentiate between these terminologies; building act, building regulation, standard technical specification, policy, rules (30 marks)

Question #3

- a) Identify three (3) planning tools and elaborate on them in detail. (15 marks)
- b) Describe the objectives of each tool in detail. (15 marks)

Question #4

Identify five (5) themes in site layout and describe them in detail. (25 marks)

Question #5

- a) Define resource analysis. (5 marks)
- b) Identify the five (5) steps in resource analysis and describe them in detail. (25 marks)

Question #6

Differentiate between resource planning and resource scheduling. (10 marks)

Question #7

What is the significant of resource planning? (5 marks)

Question #8

Differentiate between schedule material purchasing; schedule material delivery to site; schedule materials installation on site. (15 marks)

Question #9

Identify the three (3) objectives of project planning and describe them in detail. (15 marks)

End of Exam