



THE PAPUA NEW GUINEA UNIVERSITY OF TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

SECOND SEMESTER EXAMINATIONS – 2021

CEME514- SOLID WASTE & RESOURCE MANAGEMENT

MASTER IN SOLID WASTE & RESOURCE MANAGEMENT

Monday 1st NOVEMBER 2021 – 10:00 AM to 12 Noon

VENUE: C002 – CIVIL ENGINEERING DEPARTMENT

TIME ALLOWED: 2 HOURS

INSTRUCTIONS FOR STUDENTS:

- 1. WRITE YOUR NAME AND ID NUMBER CLEARLY ON THE FRONT PAGE OF THE ANSWER SHEET.**
2. All answers must be written on the answer booklet provided. No other written material will be accepted.
3. Notes and handouts are not allowed. MOBILE PHONE is not allowed.
4. Maximum Marks: 100.
5. Answer any **FOUR** questions. All questions carry equal marks i.e. 25 marks.
6. Number of pages is 2 including Cover page.

- Q1)** Draw the graph that indicates fractions of recyclable materials in the waste stream. When is recycling feasible?
- Q2)** Describe about reuse and recycling opportunities of plastics.
- Q3)** Explain in brief about recycling of (i) Biowaste (ii) Municipal solid waste
- Q4)** Write about influences on marketing of recycling products?
- Q5)** How does recycling magnitude and proportion data influence for the potential of a waste Management?