

PNG UNIVERSITY OF TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING
SECOND YEAR POSTGRADUATE
FIRST SEMESTER EXAMINATIONS – 2023

CEME541- SPECIAL WASTE MANAGEMENT

DATE: 2 June 2023
TIME ALLOWED: 3 HOURS (1-4 PM)
VENUE: PG CLASSROOM
EXAMINER: DR. MIRZI BETASOLO

CO-EXAMINER: DR. MIRZI BETASOLO

INFORMATION FOR CANDIDATES:

1. You have 10 minutes to read the paper. You must not begin writing during this time.
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. There are two (2) Sections in this exam paper: Section A , & Section B with a total of 50 marks.
Section A, is short answers to test the student understanding on concepts of the subject matter. Section B is ESSAY.
5. **WRITE YOUR NAME AND ID NUMBER CLEARLY ON THE FRONT PAGE.**

GOD BLESS YOU

QUESTIONS START HERE ↓

Section A. SHORT ANSWER

QUESTION 1. Classifications of healthcare waste are useful for deciding what? (7 marks)

QUESTION 2. What are the subcategories of infectious wastes? (3 marks)

QUESTION 3. Classification of healthcare waste. (2 marks)

QUESTION 4. Types of risk associated with HC waste (3 marks)

QUESTION 5. Why Segregate Healthcare Waste? (4 marks)

QUESTION 6. List the steps in health care waste management (6 marks)

QUESTION 7. List the 4 key principles applied for HCF (Health Care Facility) and discuss briefly (10 marks)

Section B. ESSAY

QUESTION 8. How Special Waste Management promotes Waste Management and Resource Management? (5 marks)

QUESTION 9. Discuss briefly your project case work in auditing health program of Unitech Clinic, cite your findings and recommendation. (5 marks)

QUESTION 10. Discuss what are the factors to be considered in the design of incinerators? (5 marks)

- END OF PAPER -