

The Papua New Guinea University of Technology  
Department of Mining Engineering

**Fourth Year Mining Engineering**

**MN 414 – MINE LEGISLATION**

DATE: THURSDAY 29<sup>th</sup> October 2020

TIME: 08:20 PM

TIME ALLOWED 3 HOURS

**INFORMATION FOR CANDIDATES**

1. You have ten minutes to read this question paper. You must **not begin writing** during this period
2. **Answer all questions** in each **PART** and marks are indicated beside each question
3. **ALL** answers must be provided on the answer book provided. No other written materials will be accepted
4. Write your **NAME** and **STUDENT NUMBER** clearly on the answer book. This must be **done first**
5. This is an **Open Book Exam** and you are allowed to use any material available

**QUESTION 1****[10 marks]**

Define the following mining leases, where they are applied, and their main features:  
AML, EL, SML, ML, LMP and ME.

**QUESTION 2****[10 marks]**

Clearly explain the processes of applying for an exploration license and clearly explain who are the stakeholders involved in each component of the licensing process (be brief and concise).

**QUESTION 3****[10 marks]**

Clearly explain the processes of applying for a special mining lease and clearly explain who are the stakeholders involved in each component of the SML licensing process (be brief and concise).

**QUESTION 4****[10 marks]**

What is/are the role(s) of a mining development forum (MDF), who are the parties involved and why is it important?

**QUESTION 5****[10 marks]**

Briefly explain the following:

- (1) Why is mine safety important?
- (2) What does the Mining Safety Act state about fatigue management?

**QUESTION 6****[10 marks]**

- 1) Defined the role of Standard Operating Procedures (SOP)
- 2) What are the strategies involved in the SOP