



PROGRAM : B TECH - MINING ENGINEERING

SUBJECT : MINING LEGISLATION

CODE : MLG42-1

DATE : SUPPLEMENTARY EXAMINATION
28th JULY 2016

DURATION : 11:30 TO 14:30

TOTAL MARKS : 100

EXAMINER : MR N NDIWENI

MODERATOR : MR K HEWITSON

5091

NUMBER OF PAGES : 3 PAGES (incl. cover page)

INSTRUCTIONS :

1. ANSWER ALL QUESTIONS
2. THIS IS AN OPEN BOOK EXAMINATION. (ONLY A TAG INDEXING SYSTEM IS ALLOWED ON THE MHSAct WITH REGULATIONS, NO OTHER NOTES ALLOWED).
3. THE USE OF COMPUTERS, LAPTOPS, PALMTOPS, CALCULATORS & RELATED ITEMS IS PROHIBITED.
4. ALL QUESTIONS SHOULD HAVE REFERENCES & KEY WORDS
5. AN ANSWER TO A QUESTION WHEN STARTED SHOULD BE COMPLETED BEFORE ANOTHER ANSWER FOR THE FOLLOWING QUESTION BEGINS
6. DON'T USE YOUR OWN QUESTION NUMBERING SYSTEM.

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QUESTION 1 NO REFERENCE REQUIRED

1.1 Section 106 of MPRDA gives provision that a Minister may exempt "mineral", from organs of State or farmers; explain in your own words this section. (4)

1.2 What are the conditions to be met before a mining right is granted as per MPRDA. (6)
[10]

QUESTION 2

The Lily mine accident happened when a crown pillar failed and the backfill that had been used to fill the previously mined open pit, was sucked into the open stope, followed by the lamp room container that was housing at time three people. What applicable legislation would you test whilst investigating this accident? [15]

QUESTION 3

What are the requirements of underground working places that have not been made safe? [6]

QUESTION 4

What are the Inspectors powers in terms of the MHSAct; (a) to monitor and enforce compliance (b) to deal with dangerous conditions and to order compliance or recommend a fine? For each point in the Act, give relevancy by use of a mining related example. [30]

QUESTION 5

Whilst working underground, employees are prevented from going or working in dangerous areas. Motivate on this statement by quoting relevant sections and/or regulations and key words. [15]

QUESTION 6

6.1 Account on the assessment of the structural integrity and function of self-contained self-rescuer. [4]

6.3 What is the maximum fine and term of imprisonment for a conviction under section 88 of the MHSA? [4]

6.4 What must be included in a certificate (DME34) issued by the Chief Inspector of Mines.

[6]

QUESTION 7

7.1 In the Act, health has been looked at separate from safety; who is responsible for health in the same Act. (4)

7.2 Identify sections/regulations that discuss inundation. (6)
[10]

TOTAL =100
