

R16

Code No: 138GD

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, July - 2021

HEALTH AND SAFETY IN MINES

(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 75

**Answer any Five Questions
All Questions Carry Equal Marks**

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1. Explain the classification of accidents as per Mining legislation/law. [15]
2. Explain briefly about the statistical analysis of accidents? How to write an accident report? [15]
3. What are the causes of drilling and blasting? How to prevent from it? Explain. [15]
4. What are the causes of haulage and winding? How to prevent from it? Explain. [15]
5. Compare the risk analysis by using FTA and risk analysis using HAZOP? [15]
6. Explain the generic approach to loss control within mining operations. [15]
7. How the safety policies help to the workers in organization? Explain. [15]
8. What is safety audit? Explain it with an example. [15]

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