

MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

(Affiliated to JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD)
Gundlapochampally (H), Maisammaguda (V), Medchal (M), Medchal-Malkajgiri (Dist), Hyderabad

IV B.TECH II SEMESTER SUPPLEMENTARY EXAMINATIONS, JUNE-2019Subject: Mine Legislation

Branch: MINING

Time: 3 hours

Max. Marks: 60

PART – A

Answer ALL questions of the following

5x2Marks=10 Marks

1. Define the term “Serious bodily injury” as per the Mines Act, 1952?
2. What is purpose of appointment of workmen’s inspector in mines?
3. Expand DPR, FR.
4. What is the applicability of Mines Act?
5. To which mines does CMR 2017 apply?

PART-B

Answer any FIVE Questions of the following

5x10 Marks= 50Marks

1. a) Narrate the sequence of development of mining legislation in India? (4M)
b) What are the provisions of drinking watering mines as per Mines Rules? (4M)
c) Define Mineral, ore. (2M)
2. a) What are the provisions related to granting of reconnaissance permit as per MCR
b) What are the duties of a Geologist as per MCDR?
3. What are the provisions for “danger from underground inundation” as per the Coal Mines Regulations, 2017?
4. a) How the pit safety committee members are appointed?
b) What is pneumoconiosis?
5. What do you understand by “Detailed Project Report (DPR) of a mining project? Explain in detail, the contents of an underground coal mine producing at 3Mt by fully mechanised L/W mining. Assume relevant data, wherever necessary.
6. Evaluate the importance of Welfare officer of a mine.
7. Formulate the guidelines for training of newly recruited persons employed in below ground mines
8. Write short notes on any two of the following.
 - a) Define environment, what steps you will take to safe guard mining environment from becoming polluted?
 - b) How do you ensure health of work men in mines?
 - c) How do you develop safety consciousness in work men?

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IV B.TECH II SEMESTER SUPPLEMENTARY EXAMINATIONS, JUNE-2019Subject: **ENTREPRENEURSHIP SKILLS**Branch: **Common to CE, ME, ECE, EEE, CSE & MINING****Time: 3 hours****Max. Marks: 60****PART – A**Answer **ALL** questions of the following**5x2Marks=10 Marks**

1. What is the difference between entrepreneur and entrepreneurship?
2. List out the characteristics of a typical entrepreneur.
3. What is entrepreneurial motivation?
4. Give a note on IPR.
5. Briefly discuss about entrepreneurial imagination and creativity.

PART-BAnswer any **FIVE** Questions of the following**5x10 Marks= 50Marks**

1. Discuss the role of entrepreneurs in the development of Indian Economy.
2. Give a brief account of the challenges of new venture startups encountered by the potential entrepreneurs.
3. Elaborate on the nature of corporate entrepreneurship.
4. What are the entrepreneurial motivations that encourage the entrepreneurs to set up the enterprises?
5. Discuss the process of identification an entrepreneurial ventures.
6. Define entrepreneurship? What are the new trends you have noticed in entrepreneurship during 21st century?
7. a) What are the objectives of trademark? What benefits does a registered trademark offer to its owner?
b) Creativity can be developed in a number of ways - explain.
8. Write short notes on any two of the following:
 - a) Entrepreneurial stress.
 - b) Difference between intrapreneur and entrepreneur.
 - c) Role of imagination in entrepreneurship