

G-3/323/21

Roll No.....

III Semester Examination, April-2021

M.Sc.

GEOLOGY

Paper III

(Mining Geology and Environmental Geology)

Time : 3 Hours]

[Maximum Marks : 80

Note : *All questions are compulsory. Question Paper comprises of 3 sections. **Section A** is objective type/Multiple Choice questions with no internal choice. **Section B** is short answer type with internal choice. **Section C** is long answer type with internal choice.*

SECTION 'A'

(Objective Type Questions)

Give the correct answer :

1 × 10 = 10

1. Define the term Shaft.
2. Define the term Bench.
3. Method employed in Iron ore mining.
4. Method employed in Iron mining.
5. Method employed in Coal mining.
6. Method employed in Diamond mining.
7. What is pollution of Industrialization ?
8. Pollution of Mining.
9. Pollution of Human Activity.
10. Pollution of Animal Activity.

P.T.O.

[2]

SECTION 'B'
(Short Answer Type Questions)

5 × 4 = 20

Note : Answer the following questions in 250 words.

1. Short note on mine ventilation.

Or

Short note on type of mining.

2. Describe Board and Pilletz method.

Or

Describe Longwall method.

3. Discuss Bauxite ore of Chhattisgarh.

Or

Uses of computer in mining.

4. What is environmental geology ?

Or

Natural calamities on environment.

5. Describe environment management plan.

Or

Radioactive waste disposal.

SECTION 'C'
(Long Answer Type Questions)

10 × 5 = 50

Note : Answer the following questions in 500 words.

1. Describe the percussion, rotary and diamond drilling method with respect to their uses.

[3]

Or

What is the role of geologist in mining.

2. Describe open cost mine and its limitation.

Or

Describe in short underground mining.

3. Essay on Copper mining method.

Or

Explain the coal mining method.

4. What is Role of environmental geologist.

Or

Write about control of pollution during mining.

5. Describe the environment management plan (EMP).

Or

Describe environment impact assessment (E.I.A.)

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