

G-4/422/21

Roll No.

M.Sc. IV Semester Examination, 2021

GEOLOGY

Paper II

[Economic Geology (Deposits)]

Time : 3 Hours]

[Max. 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

1×10=10

(Objective Type Questions)

Choose the correct answer :

- 1.** Maynelite shows following streak :
(a) Cherry red (b) Black
(c) White (d) None of them
- 2.** Chromite deposit found in :
(a) Sukinda (b) Barveli
(c) Rakha (d) Khetari
- 3.** Maljkhanda is famous for :
(a) Iron deposit (b) Copper deposit
(c) Bauxite mines (d) Manganese mines

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- 4.** Tongpal is famous for :
(a) Iron (b) Corandum
(c) Tin (d) Aluminium
- 5.** Hydrated Alumina is :
(a) Bauxite (b) Gypsum
(c) Corandum (d) Calcite
- 6.** Following mineral show 1 Hardness :
(a) Talc (b) Mica
(c) Asbestos (d) Gypsum
- 7.** Phosphorite mines is in :
(a) Jabalpur (b) Dhar
(c) Jhabua (d) Shahdol
- 8.** Kyanite deposit is in :
(a) Rajkharsawa (b) Jaduguda
(c) Ghatsila (d) Bokaro
- 9.** Mumbai High is famous for :
(a) Coal (b) Petroleum
(c) Lignite (d) None of them
- 10.** Following is a coal mines :
(a) Bokaro (b) Bhilai
(c) Durgapur (d) Rourkela

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SECTION B

4×5=20

(Short Answer Type Questions)

Note : *Attempt one questions from each unit.*

Unit-I

1. Throw light on Aluminium deposits of Chhattishgarh.

Or

Explain genesis of Manganese deposits.

Unit-II

2. Describe Gold Mines of Kolar.

Or

Describe Tin deposit of Tongpal.

Unit-III

3. Describe Dolomite deposits in Chhattishgarh.

Or

Describe importance of phosphorite and kyanite.

Unit-IV

4. Describe Corundum deposits of Chhattisgarh.

Or

Describe origin and uses of Graphite and Talc.

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Unit-V

5. Describe petroleum economics in global perspective.

Or

Describe coal economics in global perspective.

SECTION C

10×5=50

(Long Answer Type Questions)

Note : *Attempt one questions from each unit.*

Unit-I

1. Throw light on mineralogical character, distribution and origin of Iron deposits in Chhattisgarh.

Or

Describe Lead-Zinc deposits of India in detail.

Unit-II

2. Describe the mineralogy, Geological distribution and origin of "Gold and Silver" deposits of India.

Or

Describe in detail about Tin deposits of India.

Unit-III

3. Describe in detail about Kyanite deposits of India.

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Or

Short note on the following :

- (a) Dolomite (b) Feldspar
- (c) Sillimanite.

Unit-IV

- 4.** Write an essay on “Diamond Mines” of India.

Or

Short notes on the following :

- (a) Garnet (b) Baryle
- (c) Gem stone (d) Asbestos

Unit-V

- 5.** Write an essay on “Coal deposits” of India.

Or

Write an essay on “Petroleum deposits” of India.

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