

CBCS Scheme

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Fourth Semester B.E. Degree Examination, June/July 2018 Mining Geology – II

Time: 3 hrs.

Max. Marks: 80

Note: Answer any FIVE full questions, choosing
ONE full question from each module.

Module-1

- 1 a. Explain in detail on mining geology, its application and scope. (08 Marks)
b. Write notes on the ore delineation focusing on identifying the ore deposits. (08 Marks)

OR

- 2 a. Write notes on role of mining geologist in mining industry. (08 Marks)
b. Explain on geological work in applied geology for mining. (08 Marks)

Module-2

- 3 a. Explain in detail on economic geology. (08 Marks)
b. Write notes on metamorphic deposits. (08 Marks)

OR

- 4 a. Write notes on the classification of mineral deposits. (08 Marks)
b. Write notes on various process of mineral deposits. (08 Marks)

Module-3

- 5 a. Write notes on the occurrence and distribution of gold in India. (08 Marks)
b. Write notes on the occurrence and distribution of iron ore in India. (08 Marks)

OR

- 6 a. Write notes on Zinc and lead mines of India. (08 Marks)
b. Write notes on uranium (radio active minerals) of Indian occurrence. (08 Marks)

Module-4

- 7 a. Write notes on physical and chemical properties of coals. (08 Marks)
b. Write notes on migration of petroleum within the earth. (08 Marks)

OR

- 8 a. Write notes on the important coal fields of India. (08 Marks)
b. Write notes on the major oil fields of India. (08 Marks)

Module-5

- 9 a. Explain detail work of mineral exploration by prospecting and exploration for mineral identification. (08 Marks)
b. Write notes on prospecting by Geophysical methods. (08 Marks)

OR

- 10 a. Write notes on planning and drilling in detail exploration. (08 Marks)
b. Write notes on assaying and estimation of ores reserves. (08 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be treated as malpractice.