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Roll No

MI-6001-CBGS

B.E. VI Semester

Examination, June 2020

Choice Based Grading System (CBGS)

Underground Metal Mining

Time : Three Hours

Maximum Marks : 70

- Note:** i) Attempt any five questions.
ii) All questions carry equal marks.

1. Describe the working of Jora raising method in detail.
2. Explain the principle and working of Alimak raise climber in detail.
3. Define the following with sketches:
 - a) Cross cut
 - b) Slot raises
 - c) Spherical charge
 - d) Level interval
4. Explain the sub level stopping along with operational cycle in detail.
5. Describe the Breast stopping method along with layouts of stopping.

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6. Describe Cut and Fill stopping method in detail with operational cycle.
7.
 - a) Explain Rill Stopping method of underground metal mining with neat sketch.
 - b) Explain Shrinkage Stopping method with neat sketch.
8. Explain the application of Grouting and Shotcreting with diagram.

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