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Total No. of Questions: 11

[Total No. of Printed Pages : 3

BPF-2215

M.Sc. (Final) Examination, 2022 GEOLOGY

Paper - VIII

(Mining Geology and Engineering Geology)

Time: 3 Hours [Maximum Marks: 75

Section-A (Marks : $2 \times 10 = 20$)

Note: Answer all ten questions (Answer limit 50 words). Each question carries2 marks.

Section–B (Marks : $5 \times 5 = 25$)

Note: Answer all five questions. Each question has internal choice (Answer limit200 words). Each question carries 5 marks.

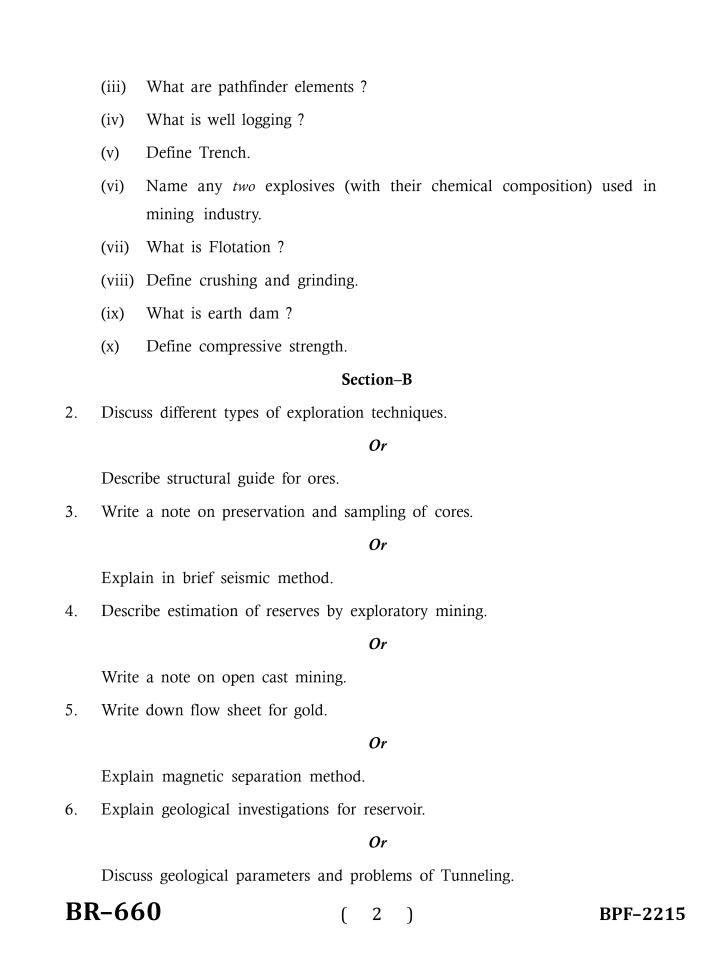
Section–C (Marks: $10 \times 3 = 30$)

Note:— Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

Section-A

- 1. (i) What is Contouring?
 - (ii) Define topo sheet.

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Section-C

- 7. Discuss the various methods of topographic survey.
- 8. Describe geochemical prospecting.
- 9. Write a detailed note on economic consideration in reserve estimation.
- 10. Explain the following:
 - (i) Gravity separation method
 - (ii) Electrostatic separation method
- 11. Describe classification of dams.