

Roll No. :

Total No. of Questions : 11]

[Total No. of Printed Pages : 3

BPMS-519

M.Sc. (Previous) Examination, 2023

GEOLOGY

Paper - III

(Stratigraphy and Palaeontology)

Time : 3 Hours]

[Maximum Marks : 75

Section-A

(Marks : 2 × 10 = 20)

Note :- Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

Section-B

(Marks : 5 × 5 = 25)

Note :- Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **5** marks.

Section-C

(Marks : 10 × 3 = 30)

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

Section-A

1. (i) Define Lithosome.
- (ii) Define Index Fossils.

BRI-572

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BPMS-519 P.T.O.

- (iii) Write note on Berach Granite.
- (iv) What is the age of Malani Igneous Suite ?
- (v) Write note on Intertrappean beds.
- (vi) What is the age range of Deccan Traps ?
- (vii) Define Micropalaeontology.
- (viii) Describe systematic position of Graptolites.
- (ix) Write morphological characters of Hipparion.
- (x) Write the suture patterns in cephalopods.

Section-B

2. Describe the vertical relationship in beds.

Or

Write note on Imperfection of Geological Records.

3. Discuss the succession and fauna of Mesozoic rocks of Kutch.

Or

Write note on classification of Precambrian rocks of Rajasthan.

4. Discuss the classification and origin of Deccan traps.

Or

Discuss the palaeogeography and classification of Gondwana Supergroup.

5. Give the outline of morphology and uses of Foraminifers.

Or

Give the outline of morphology of Echinoids.

6. Discuss the shell forms of Gastropods.

Or

Describe the dentition in Bivalves.

Section–C

7. Discuss the principles of stratigraphic classification.

8. Describe the stratigraphy of Dharwar Craton.

9. Describe in detail about Tertiary of Assam.

10. Describe the morphology, classification and evolution of Trilobites.

11. Describe the evolution of Man.