

Dr.Babasaheb Ambedkar Marathwada University  
Aurangabad  
Faculty Of Science  
B.Sc. I Year Practical Examination  
Geology Paper - III

Time: - 6 Hours

Marks: - 100

- Q.1. Identify & describe the topographical features in the given contoured map. (10)
- Q.2. Solve the given problem related to structural Geology. (10)
- Q.3. Describe Geography & Geology in the given Geological map & draw a section along X-Y line. (20)
- Q.4. Describe & identify the mineral in hand specimen from spot No.----- to----- (30)
- Q.5. Identify the crystal System after describing axial characters, elements of symmetry and the forms occurring in the given crystal models from No. ----- to ----- (20)
- Record book (10)

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Geology Paper - IV

Time: - 6 Hours

Marks: - 100

- Q.1. Identify & describe the Geomorphological features in the given models Spot No.-----to----- . (10)
- Q.2. Describe and identify the rocks in the given hand specimens. Give their classification, occurrence and origin from spot No.-----to----- (45)
- Q.3. Identify and describe the fossils. Give their classification and Geological Range / Age from spot No. -----to----- . (20)
- Q.4. Geological fieldwork and submission of tour report to that effect. (25)

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B.Sc. II Year Practical Examination  
Geology Paper -V II

Time: - 6 Hours

Marks: - 100

- Q.1. Identify the given rocks in hand specimen after describing their physical properties, mineral composition, occurrence and origin from item No. -----to----- (20)
- Q.2. Identify the given rocks in thin sections after describing their optical properties from item No. -----to----- (15)
- Q.3. Identify the given Minerals / Ore Minerals in hand specimen after describing their physical properties, chemical composition, occurrence and uses from item No -----to-----, (15)
- Q.4. Identify the given minerals in thin sections after describing their optical properties from item No. -----to----- (15)
- Q.5. Describe Geography & Geology in the given Geological map. Draw a section along X-Y line. (25)
- Q.6 Record book (10)

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Geology Paper - VIII

Time: - 6 Hours

Marks: - 100

- Q.1. Identify the given fossil specimens after describing their hard part Morphology and Geological Range / Age from item No. -----to-----  
----- (20)
- Q.2. Describe and identify the texture /structures seen in hand specimen / thin sections of the rocks from item No.-----to----- (15)
- Q.3. Depict the given stratigraphic units in the map of India. Comment on their distribution and economic importance. (20)
- Q.4. Solve the problem of structural Geology No.1&2.on the basis of given data (20)
- Q.5 Viva Voce.on Tour Report and Sample collection (25)

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Geology Paper - XI

Time: - 6 Hours

Marks: - 100

- Q.1. Describe the Geomorphological features in the given topographical map. Give measurements and analyses the main drainage systems(10)
- Q.2. Estimate the type of Pyroxene with the help of Hess Metasilicate Data. (10)
- Q.3. Solve the problem of structural Geology on the basis of given data (10)
- Q.4. Complete the outcrops of the beds from the given data as shown in the geological map. (20)
- Q.5. Solve the geohydrological problem by using the given data (10)
- Q.6. Depict the ground water / metallogenic provinces in the map of India provided to you. (10)
- Viva Voce on field Work, Tour report & Sample Collection (30)

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Geology Paper - XII

Time: - 6 Hours

Marks:- 100

- Q.1. From the given chemical analysis form the Normative Minerals and give CIPW classification of the rock. (30)
- Q.2. Prepare a Static Water Level map from the data gathered through Well Inventories. (15)
- Q.3. Identify the type of coal in the samples from item No.--- to ----. (10)
- Q.4. Describe Geomorphological features in the given models, Aerial Photographs & Satellite Imagery. (20)
- Q.5. Solve the given problem of Environmental Geology .. (15)
- Record book (10)