

M. Sc. GEOLOGY FIRST SEMESTER**Paper V**
105**Practical-I****Code: Geol****Duration: 4 hours****Max. Marks (Ext.)****75****Tectonics and Geomorphology:**

1. Identification and description of various landforms.
30
2. Morphometric analysis of drainage basins.
3. Studies of drainage patterns.
4. Exercises on Slope analysis.

Mineralogy:-

30

1. Principles of stereographic projection and determination of axial ratio.
2. Identification of minerals in hand specimen.
3. Microscopic properties of minerals with emphasis on pleochroic scheme, identification of interference figures and optical sign, determination and measurement of 2V.

Viva-Voce

10

Record

05

Total 75**M. Sc. GEOLOGY FIRST SEMESTER****Paper VI**
106**Practical-II****Code: Geol****Duration: 4 hours****Max. Marks****(Ext.) 75****Palentology:**

30

Drawing, description, age and identification of important fossils of Trilobites, Echinoids, Foraminifers and Graptolites

Stratigraphy:

30

1. Identification, description and geochronology of Indian Pre-cambrian stratigraphic rocks.
2. Pre-cambrian Stratigraphic maps of India.
3. Pre-cambrian Palaeogeographic maps of India.

Viva-Voce

10

Record

05

Total 75

Compulsory Field Training Program : Geological Field Training
– 10 days duration

Note: **Field Training is Compulsory, Student not taking part in the field training shall not be allowed to appear in the examination.**

Field Assessment will be done by the Tour-Incharge (s) and will award marks out of **20** which will be equally distributed between Practical I and Practical II