

M. Sc. GEOLOGY THIRD SEMESTER

Paper V

Practical-I

Code: Geol 305

Duration: 4 hours

Max. Marks (Ext.) 75

Mineral Resources:

30

1. Study of economic minerals in hand specimen.
2. Important world and Indian deposits to be plotted on maps.
3. Study of important ore minerals under reflected light microscope.

Groundwater :

30

Calculation and exercises on groundwater quality, exploration, yield, recharge, water table fluctuation etc.

Viva-Voce

10

Record

05

Total 75

M. Sc. GEOLOGY THIRD SEMESTER

Paper VI

Practical-II

Code: Geol 306

Duration: 4 hours

Max. Marks (Ext.) 75

Igneous Petrology:

30

1. Identification and description of important igneous rocks in hand specimen.
2. Petrographic studies of important igneous rocks.
3. Preparation and interpretation of variation diagrams in relation to petrogenesis.
4. Calculation of CIPW norms.

30

Sedimentary Petrology:

1. Identification and description of important sedimentary rocks in hand specimen.
2. Petrographic studies of important sedimentary rocks.
3. Graphic representation of data, histogram, cumulative curves, frequency curves, rose diagram, star symbols.

Viva-Voce

10

Record

05

Total 75

Compulsory Field Training Program : Geological Study Tour
– 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

