

<u>M. Sc. GEOLOGY SECOND SEMESTER</u>		
<b>Paper V</b>	<b>Practical-I</b>	<b>Code: Geol</b>
<b>205</b>		
<b>Duration: 4 hours</b>		<b>Max. Marks (Ext.)</b>
<b>75</b>		
<b><u>Structural Geology :-</u></b>		<b>30</b>
1. Solution of structural problems by stereographic and orthographic projections.		
2. Identification of structural elements and their chronology in hand specimen.		
3. Structural analysis with stereonet: S-pole and beta-pole diagrams; Fold axis and axial plane; Countoured diagrams; Methodology and interpretation of patterns.		<b>30</b>
4. Interpretation of complex geological maps and drawing of cross sections.		<b>10</b>
<b><u>Geochemistry :</u></b>		
5. Presentation of analytical data and graphical representation in various diagrams.		<b>05</b>
6. Calculation of important mineral formula from chemical analysis.		<b>75</b>
<b>Viva-Voce</b>		
Record		
<b>Total</b>		

<u>M. Sc. GEOLOGY SECOND SEMESTER</u>		
<b>Paper VI</b>	<b>Practical-II</b>	<b>Code: Geol</b>
<b>206</b>		
<b>Duration: 4 hours</b>		<b>Max. Marks (Ext.)</b>
<b>75</b>		
<b><u>Palaentology – II :</u></b>		
Drawing, description, age and identification of important fossils of Anthozoa, Bivalvia, Brachiopoda, Gastropoda, Cephalopoda and Gondwana Plant fossils.		<b>30</b>
<b><u>Phanerozoic Stratigraphy:</u></b>		
Identification, description and geochronology of Indian phanerozoic stratigraphic rocks.		<b>30</b>
Phanerozoic Stratigraphic maps of India.		
Phenerozoic Palaeogeographic maps of India.		<b>10</b>
<b>Viva-Voce</b>		
		<b>05</b>

Record

Total **75**

**Compulsory Field Training Program** : Geological Mapping 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