END TERM EXAMINATION

THIRD SEMESTER [B.TECH] NOVEMBER-DECEMBER 2018

Paper Code: ETCE 211	Subject: Engineering Geology
MI DEFENDE	Maximum Marks :75
Note: Attempt five questions in all including O. No. 1 which is	
compulsory. Select one question from each unit.	
seismological evidence. b) Define the following: i) Spheroidal weathering ii) Glacial erosion c) Define dip and strike. d) What are hot water springs?	(5x5=25) mal structure of earth as revealed by Give the geological conditions for the a otherwise cold climate conditions.
· · · · · · · · · · · · · · · · · · ·	riefly explain its preventive measures.
Unit-I	
	geological investigation in construction
projects.	(7)
Explain weathering of rocks.	(5.5)
Q3. a) What are igneous rocks? How are b) Explain the difference between cold	
<u>Unit-II</u>	
Q4. a) Write short notes: i) Unconformities ii) Primary and secondary structur iii) Geometric and Genetic Point iv) Stratification	(2+3+3+4.5=12.5) re in rocks
Q5 Describe with the help of neat sketche as understood in structural geology?	es, various parts of faults and their causes (12.5)
<u>Unit-III</u>	
Q6. Write short notes on: a) Types of aquifers b) Safe yield c) Salt water intrusion d) Tectonic Earthquakes	(3+3+3+3.5=12.5)
Q7. Write short notes on the following: a) Richter Magnitude b) Epicentre c) Seismogram	(4+4+4.5=12.5)
<u>Unit-IV</u>	
or a Dain.	nditions necessary for the proper location (12.5)
occurrence of landslides?	landscides? Give scientific reasons for the (6) sures commonly adopted to combat the (6.5)
