

SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

SEMESTER END EXAMINATIONS (REGULAR),
NOVEMBER-2015

B.Planning, 1 YEAR I SEMESTER

APPLIED GEOLOGY AND HYDROLOGY (10210108)

Maximum Marks – 50

Time – 2.00 Hours

a) Answer any Two questions out of 1 to 4 questions.

b) Question No.5 is compulsory and answer any four out of six sub-questions.

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- Q1. Define Geology. Explain various Components of 'Geological time scale'. (15M)
- Q2. Define Faults and discuss the classification of faults (15M) giving suitable sketches for each.
- Q3. What are the Land Slides? Give the classification of (15M) landslides and its Preventive measures.
- Q4. List the various Physical and Engineering Properties of (15M) stones used for buildings and roads.
- Q5. Answer any Four of the following: (4x5=20M)
- a) Types of aquifers.
 - b) Hydrologic cycle.
 - c) Specific yield.
 - d) Porosity.
 - e) Artificial recharge.
 - f) Coastal erosion.
