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S.E. (CIVIL ENGINEERING) (II Sem.) EXAMINATION, 2018

ENGINEERING GEOLOGY

(2015 COURSE)

Time : Two Hours

Maximum Marks : 50

N.B. :— (i) Write the Answers to any *four* questions in single answer-book only.

(ii) Neat diagrams must be drawn wherever necessary.

(iii) Figures to the right indicate full marks.

(iv) Assume suitable data, if necessary.

1. (a) Describe textures shown by the basaltic rocks. [6]
(b) Write note on 'weathering' of the rocks. [6]

Or

2. (a) Explain 'Clastic' and 'Organic' rock deposits. Give examples of each. [6]

(b) Write a note on 'Schistose' texture and 'Gneissose' texture. [6]

3. (a) Describe various types of 'Joints' found in the Deccan trap rocks. [6]

(b) Write a note on 'Dharwar rocks' and their importance. [6]

Or

4. (a) What is an unconformity ? Describe any *two* types of Unconformities. [6]

(b) Describe 'physiographic divisions of India'. [6]

P.T.O.

5. (a) What is 'rejuvenation' ? What are the geological reasons of rejuvenation ? [7]

(b) Write a note on GIS. [6]

Or

6. (a) Describe feasibility of a dam proposed folded strata. [7]

(b) What difficulties may have to be faced while excavating tunnel through axial plane of a fold ? [6]

7. (a) Describe how a fold passes in the fault. Draw neat sketches.[7]

(b) Write a note on 'types of aquifers'. [6]

Or

8. (a) discuss various methods of conservation of groundwater. [7]

(b) Enlist the requirements of 'Building Stones'. Describe any *two* amongst the list. [6]