Total No. of Questions—8]　　　　　　[Total No. of Printed Pages—2

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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 varius 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]

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]