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CDI					

Third Semester B.E. Degree Examination, Dec.2018/Jan.2019 Engineering Geology

Engineering Geology								
Tin	ne: í	3 hrs. Max. Ma	arks: 80					
	Note: Answer any FIVE full questions, choosing ONE full question from each module.							
,1	a.	Module-1 Describe the internal structure of the Earth based on the seismological evidences, we sketch.						
	b.	Describe any two minerals with respect to their physical properties and their engine	(08 Marks) eering (08 Marks)					
2	a.	OR Define Mineral. Name the physical properties to identify the mineral with suitable	examples. (08 Marks)					
546	b.	Define Engineering geology. Write a brief note on importance of Geology in the						
3	a. b.		(08 Marks) (08 Marks)					
4	a.		(08 Marks)					
5	b. а.	Module-3 Define Weathering. Describe the different types of chemical weathering and its im	(08 Marks)					
	b.		(08 Marks) (08 Marks)					
6	a. b.	Write a note on Tsunami. Describe briefly the causes and effects. Define Watershed management. Explain briefly Floods and their control.	(08 Marks) (08 Marks)					
7	a. b.	Define Aquifer. Write a note on confined and unconfined aquifer, with a neat sketch	(08 Marks) ch. (08 Marks)					
8	a. b.	Write a note on Rain water harvesting and discuss the various types of artificial rec	(08 Marks) charge. (08 Marks)					
9	a. b.		(08 Marks) (08 Marks)					

OR

a. Write a note on uses of topographic and geological maps.
b. Describe the application of Geographic Information System (GIS) and Global Positioning System (GPS).

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