



# RAN-1238

## Third Year B.Sc (Sem. VI) (Environment Science) Examination

### March / April - 2019

### Environmental Geology - Env : 601

Time: 2 Hours ]

[ Total Marks: 50

સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

Third Year B.Sc (Sem. VI) (Environment Science)

Name of the Subject :

Environmental Geology (Env : 601)

Subject Code No.:

1

2

3

8

Seat No.:

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Student's Signature

- (1) Figures to the right indicate full marks.
- (2) Draw neat and labelled diagrams wherever necessary.

**Q-1: Answer the following:**

**(12)**

1. What is Wadati Benioff zone?
2. Define Plate Tectonics.
3. What is Seismograph?
4. State the two fundamental ways on which the internal structure of earth is classified.
5. Which methods are used for reclamation?
6. Define Shale Gas.

**Q-2: Comment on / Justify the following: (Any Two)**

**(12)**

1. River is a stream of fresh water.
2. Mining has ill effects on society.
3. Crude oil is called mixture of hydrocarbons in liquid phase.

**Q-3: Answer the following: (Any Two) (16)**

1. Describe Volcanoes.
2. Describe movement of lithospheric plates.
3. Describe reclamation of mining area.

**Q-4: Write Short Note: (Any Two) (10)**

1. Hydrocarbon.
  2. Subduction Zone.
  3. Impact of mining on environment.
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