



RAN - 2103000206020171

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**T.Y.B.Sc. (Sem. VI) Examination September - 2023**

**Environmental Science : 601**

**Environmental Geology**

**Time: 2 Hours ]**

**[ Total Marks: 50**

**सूचना : / Instructions**

(१)

नीचे दशविवेक निशानीवाणी विगतो उत्तरवली पर अवश्य लपववी.  
**Fill up strictly the details of signs on your answer book**

Name of the Examination:

**T.Y.B.Sc. (Sem. VI)**

Name of the Subject :

**Environmental Science : 601 Environmental Geology**

Subject Code No.: **2103000206020171**

Seat No.:

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Student's Signature

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

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

**(12)**

1. What is magma?
2. What are Hot-spots?
3. What is volcancity?
4. Define: Shale Gas.
5. Name the five principle technologies to monitor and control water flow at mine sites.
6. Where and when was the first well drilled to produce oil commercially?

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

**(12)**

1. Structure of earth is layered - Justify.
2. Earthquakes has various types of waves - Justify.

3. Underground mining causes ecological impacts - Justify.

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

1. Describe the various types of flood and the steps to control flood.
2. Explain clay settling area reclamation.
3. Which are the conditions to be fulfilled for commercial oil accumulation.

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

1. Seafloor Spreading.
  2. Plunge Pool.
  3. Coal Mining.
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