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**Or**

Comment on problems of environment in urban areas.

- (D) Discuss about climate change and its impact in detail. **12**

**Or**

Describe about environmental policies of government for water pollution.



**Roll No. ....**

**Total No. of Sections : 4**

**Total No. of Printed Pages : 4**

**Code No. : B03/106**

### **III Semester Examination**

**M.Sc.**

**GEOLOGY**

**Paper I**

[Environmental Geology]

Time : Three Hours ]

[ Maximum Marks : 80

[ Minimum Passing Marks : 16

*Note : Part A and B of each question in each unit consist of very short answer type questions which are to be answered in one or two sentences. Part C (Short answer type) of each question will be answered 200-250 words. Part D (Long answer type) of each question should be answered within the word limit 400-450.*

#### **Unit-I**

1. (A) Define fuel resources. **2**
- (B) What is environment ? **2**
- (C) Comment on conservation of fuel resources. **4**

**Or**

Discuss about scope of Environmental Geology.

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- (D) “Without fuel resources survival is impossible”.  
Express your views about this sentence. **12**

**Or**

Discuss about Transgression and Regression of sea with the help of diagram.

**Unit-II**

2. (A) What is drought ? **2**  
(B) Define Desertification. **2**  
(C) What is land slide ? Discuss about its impact in brief. **4**

**Or**

Discuss about impact of cyclone and Tsunamis on human life.

- (D) Describe earthquake and measures of its mitigation in detail. **12**

**Or**

Comment in brief :

- (a) Volcanic Activity,  
(b) River flooding,  
(c) Coastal Erosion.

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**Unit-III**

3. (A) Give two examples of Gravity Dam. **2**  
(B) Define Mining activities. **2**  
(C) Discuss about impact of human settlement on soil. **4**

**Or**

Discuss in brief about contamination of water through agro industries.

- (D) Describe in detail about Human modification of nature in surface and subsurface by engineering constructions. **12**

**Or**

Mining activities are responsible for changes in surface and subsurface. Comment on this sentence in detail.

**Unit-IV**

4. (A) Define water pollution. **2**  
(B) What is environment management plan. **2**  
(C) Discuss on “Green House Effect”. **4**