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**PRESIDENCY UNIVERSITY, BENGALURU**  
**SCHOOL OF ENGINEERING**

Max Marks: 80

Max Time: 120 Mins

Weightage: 40 %

**ENDTERM FINAL EXAMINATION**

I Semester AY 2017-18

Course: **CIV 102 Environmental Science and  
Disaster Management**

22 DECEM 2017

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**Instructions:**

- i. Write legibly
  - ii. Scientific and non programmable calculators are permitted
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**Part A**

**[7 Q x 5 M= 35 Marks]**

1. Write the advantages of rain water harvesting
2. Explain the effects of solid waste.
3. Give definition and elements of sustainability.
4. List the benefits or advantages of EIA.
5. Explain factors affecting landslide.
6. Mention environmental protection and preservation acts of India
7. Write the importance of Environmental Management system.

**Part B**

**[3 Q x 10 M= 30 Marks]**

8. Discuss effects of air pollutants on human health and plants.
9. Explain types and impacts of floods.
10. Explain six population characteristics.

**Part C**

**[1 Q x 15 M= 15 Marks]**

11. Discuss the impacts of greenhouse effect and measures to check global warming.



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**SCHOOL OF ENGINEERING**

Max Marks: 40

Max Time: 60 Mins

Weightage: 20 %

**TEST 2**

I Semester AY 2017-2018      Course: CIV 102 **Environmental Science and  
Disaster Management (I & III Sem)**

24 OCT 2017

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**Instructions:**

- i. Write legibly
  - ii. Scientific and non programmable calculators are permitted
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**Part A**

(4Q x 5 M= 20 Marks)

1. Define ecological pyramid and mention the types of ecological pyramid.
2. Explain the zones of lake ecosystem.
3. Define biodiversity and mention the levels of biodiversity.
4. What are *In situ* and *Ex-situ* conservation of biodiversity? Give three examples each.

**Part B**

(1Q x 8 M= 8 Marks)

5. Explain the process of ecological succession.

**Part C**

6. Discuss values of biodiversity. (1 Q x 12 M= 12 Marks)



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Max Marks: 40

Max Time: 60 Mins

Weightage: 20 %

**TEST 1**

I Semester 2017-2018

Course: **CIV 102 Environmental Studies and  
Disaster Management**

21 SEPT 2017

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**Instructions:**

- i. Write legibly
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**Part A**

(6Q x 3M= 18 Marks)

1. Define environment and is derived from which language.
2. What are natural resources and mention the kinds with example.
3. Define deforestation and mention the methods of timber extraction.
4. What is mining and mention the types of mining.
5. Define ecology and ecosystem.
6. Write the definition and types of food chain.

**Part B**

(2Q x 6M= 12 Marks)

7. List the effects of dam on forest and tribal community.
8. Explain biotic components of an ecosystem.

**Part C**

(1Q x 10M= 10 Marks)

9. Discuss the types of water and wind induced soil erosion and their control measures.