



I D NO.

**PRESIDENCY UNIVERSITY, BENGALURU
SCHOOL OF ENGINEERING**

Weightage: 40 %

Max Marks:80

Max Time: 2 hrs.

16 May Wednesday 2018

ENDTERM MAKE UP EXAMINATION MAY 2018

Even Semester 2017-18 Course: **CIV 102 Environmental Science and
Disaster Management**

IV Semester

Instructions:

- (i) *Read the question properly and answer accordingly.*
 - (ii) *Question paper consists of 3 parts.*
 - (iii) *Scientific and Non-programmable calculators are permitted*
 - (iv) *Steam table and Refrigeration tables are permitted*
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Part A

(5 Q x 6 M = 30 Marks)

1. Define water pollution. Which are the parameters used to determine the water quality.
2. Explain any three disposal methods commonly used for solid waste.
3. Explain impacts of enhanced Green House effect.
4. Discuss about types of flood.
5. Write the name of environmental protection and preservation acts of India.

Part B

(2 Q x 10 M = 20 Marks)

6. Define EIA and explain their benefits and advantages.
7. Discuss effects of air pollution on human health, plants and materials.

Part C

(2Q x 15 M = 30 Marks)

8. Explain types of age pyramids.
9. Define acid rain. How acid rain occurs? Explain effects of acid rain.



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SCHOOL OF ENGINEERING

Weightage: 40 %

Max Marks:80

Max Time: 2hrs.

10 May 2018, Thursday

ENDTERM FINAL EXAMINATION MAY 2018

Even Semester 2017-18

Course: **CIV 102 ENVIRONMENTAL
SCIENCE AND DISASTER MANAGEMENT**

IV Sem.**CSE**

Instructions:

- (i) *Read the question properly and answer accordingly.*
 - (ii) *Question paper consists of 3 parts.*
 - (iii) *Scientific and Non-programmable calculators are permitted.*
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Part A

(3 Q x 8 M = 24 Marks)

1. Define air pollution and substances which cause air pollution.
2. Explain three R's management of solid waste and list any two disposal methods commonly used for solid waste.
3. List out environmental protection and preservation acts of India and discuss salient/important features of any two environmental protection and preservation acts in India

Part B

(4 Q x 8 M = 32 Marks)

4. Discuss control measures for air pollution.
5. List and discuss types of flood.
6. Define EIA and list their benefits and major steps in the EIA process.
7. Discuss any five strategies for water conservation.

Part C

(2 Q x 12 M = 24 Marks)

8. Discuss any three Sources and effects of water pollution.
9. Define water harvesting. List the objectives and advantages for rain water harvesting.



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SCHOOL OF ENGINEERING

Weightage: 20%

Max Marks: 40

Max Time: 1 hr.

31 March Saturday 2018

TEST – 2

Even Semester 2017-18 Course: **CIV 102 Environmental Science and Disaster Management** IV Sem. CSE

Instruction:

- (i) Read the question properly and answer accordingly.
 - (ii) Question paper consists of 3 parts.
 - (iii) Scientific and Non-programmable calculators are permitted
 - (iv) Steam table and Refrigeration tables are permitted
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Part A

(3 Q x 6 M = 18 Marks)

1. Define ecological succession? Explain types of ecological succession.
2. Explain the types of desert ecosystem with examples.
3. What are biodiversity hotspots? Write the name of any four hotspots across the World.

Part B

(1 Q x 10 M = 10 Marks)

4. What is the importance of ocean? Explain ocean life zones with diagram.

Part C

(1Q x 12 M = 12 Marks)

5. Define extinct, endangered, vulnerable and rare species. Explain the causes for loss of biodiversity.



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Max Time: 1 hr.

24 Feb Saturday 2018

TEST – 1

Even Semester 2017-18 Course: **CIV 102 Environmental Science and Disaster Management** IV Sem. Computer Science

Instruction:

- (i) Read the question properly and answer accordingly.
 - (ii) Question paper consists of 3 parts.
 - (iii) Scientific and Non-programmable calculators are permitted
 - (iv) Steam table and Refrigeration tables are permitted
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Part A

(3 Q x 6 M = 18 Marks)

1. Define environment? What is the scope of environmental studies?
2. Define minerals? Explain types of mining.
3. Define ecosystem? What are the biotic and abiotic components of the ecosystem with examples?

Part B

(1 Q x 10 M = 10 Marks)

4. Define soil erosion? Discuss types of water induced soil erosion.

Part C

(1Q x 12 M = 12 Marks)

5. What are renewable and non-renewable resources? Discuss merits and demerits of Fossil fuels, Nuclear power, Solar power and Wind power.