

2024

M. A. Third Semester (CBCS) Examination
Environmental Studies

Course - CC 3.1

Full Marks—40

Time—2 Hours

The figures in the right hand side margin indicate marks.

1. Answer **any five** of the following : $5 \times 2 = 10$

- (a) Define sustainable development.
- (b) Name two biodiversity Hotspots in India.
- (c) What is biopiracy?
- (d) What is Agenda 21?
- (e) Name two endangered mammals of India.
- (f) What do you mean by BAP?
- (g) What were the objectives of Brundtland Report?

2. Answer **any four** from the following : $4 \times 5 = 20$

- (a) Briefly discuss the type of sustainability.
- (b) Describe the eight stage model for implementation of LA 21.
- (c) What are the aims and principles of sustainable land management?
- (d) Discuss the biogeographic zones of India.

[P.T.O.]

- (e) Write a short note on Biodiversity Conservation through ecotourism.
- (f) Discuss the policies and methods to a active sustainable development.
3. Answer **any one** from the following : $1 \times 10 = 10$
- (a) What do you mean by Biodiversity Hotspots? Mention the criteria that determine a biodiversity Hotspots. Write in brief about scheduling of animals following wildlife Protection Act. $2+4+4=10$
- (b) What is the need for reclamation of wastelands? Describe in details the various methods of wasteland reclamation. $2+8=10$

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M. A. Third Semester (CBCS) Examination
Environmental Studies
Course - CC 3.2

Full Marks—40

Time—2 Hours

*The figures in the right hand side margin indicate marks.*1. Answer **any five** of the following : $5 \times 2 = 10$

- (a) What are piezometers?
- (b) How does soil salinization take place?
- (c) State two advantages of rainwater harvesting.
- (d) What is the importance of riparian areas?
- (e) Name the Indian wetlands currently enlisted in the Montreux Record.
- (f) State any two advantages of mulching for drought mitigation.
- (g) Mention any two critically vulnerable coastal areas of India.

2. Answer **any four** from the following : $4 \times 5 = 20$

- (a) What is conjunctive use of water? What are the main challenges to planned conjunctive use of water? $2 + 3 = 5$

- (b) Briefly discuss different initiatives and policies on floods undertaken by the Indian government.
 - (c) “The wetlands in India are presently under immense stress”—Discuss.
 - (d) What are the main issues involved in sustainable agriculture?
 - (e) How can gender equity pay in sustainable forest conservation in India?
 - (f) Briefly discuss the highlights of CRZ notification 2019.
3. Answer **any one** from the following : $1 \times 10 = 10$
- (a) What is flood? Briefly discuss the major categories of floods. How does natural control on flooding and erosion help maintain water quality?
 $2+6+2=10$
 - (b) Write short notes on : $5+5=10$
 - (i) Irrigation Scheduling
 - (ii) Integrated coastal ecology management

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M. A. Third Semester (CBCS) Examination
Political Science
Course - CC 3.3

Full Marks—40

Time—2 Hours

The figures in the right hand side margin indicate marks.

1. Answer **any two** of the following (in not more than 200 words each) : 2×5=10
 - (a) What do you mean by 'policy environment'?
 - (b) Write a short note on the impact of globalization on the policy making process in the developing countries.
 - (c) What is communicative rationality and explain how it helps in policy evaluation?
 - (d) Discuss, in brief, the major constraints in the making of public policy.
2. Answer **any two** of the following : 2×15=30
 - (a) Elucidate the nature and scope of public policy.
 - (b) Critically examine how agenda control impacts democratic process in policy making.

- (c) What is 'democratic deficit'? Write a note on democratizing the policy process. 5+10=15
- (d) What are the alternative forms of redistribution? Discuss is this connection the strengths and limitations of the approaches to the policies of redistributions. 5+10=15

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M. A. Third Semester (CBCS) Examination
Environmental Studies
Course - CEC 3.1

Full Marks—40

Time—2 Hours

*The figures in the right hand side margin indicate marks.*1. Answer **any five** of the following : $5 \times 2 = 10$

- (a) What are the significance of non-timber-forest product collection in a reserve forest?
- (b) Mention any four significance of biodiversity on common people.
- (c) What do you understand by “symbiosis” relationship in ecosystem?
- (d) Mention any four environmental impacts of mineral resources exploration in India.
- (e) What do you understand by “eco-centrism” concept of environmental ethics?
- (f) Give any four differences between natural and manmade ecosystem.
- (g) State any four disadvantages of overpopulation on natural environment.

2. Answer **any four** of the following : 4×5=20

- (a) Classify ecosystem with suitable examples.
- (b) How do plastic wastes harm natural ecosystem mentioning suitable recommendations for this problems?
- (c) Briefly discuss the different disciplines of ecology.
- (d) What do you understand by “ecological restoration”? Give a suitable example for forest land restoration.
- (e) What do you understand by rain water harvesting? Mention briefly the negative impacts of environmental management for exploring water resources.
- (f) Briefly state the drawback of fossil fuel burning on ecosystem.

3. Answer **any one** of the following : 1×10=10

- (a) Mention the main positive environmental impact of management system. Discuss any two of them.
- (b) Write short notes (**any two**) : 5+5
 - (i) Interrelationship between Man, environment and society.
 - (ii) Different disciplines of Environment.
 - (iii) Ecological restoration and control of environmental problem of India.

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M. A. Third Semester (CBCS) Examination
Environmental Studies

Course - CEC 3.2

Full Marks—40

Time—2 Hours

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1. Answer **any five** of the following : $5 \times 2 = 10$

(a) What is meant by environmental clearance?

(b) Define sustainable development.

(c) What are the contents of an Environmental Audit Report?

(d) What do you mean by RIAM?

(e) Explain what is chromatography.

(f) Why do you think DPR is important for environmental impact assessment?

(g) Write about the various environmental management tools.

2. Answer **any four** of the following : $4 \times 5 = 20$

(a) Why do you think EIA is essential before any developmental project starts?

- (b) Compare the EIA Notification of 2006 and 2020. Highlight the key changes in the new notification.

3+2

- (c) Discuss how an environmental audit is linked to an environmental management system (EMS).

- (d) What is meant by waste audit and pollution prevention assessment?

- (e) How does environmental management affect development?

- (f) What is EIS and briefly describe its structure.

3. Answer **any one** of the following : $1 \times 10 = 10$

- (a) State the procedure for appraisal for environmental clearance in India. Discuss the significance of public participation in EIA process. $5+5=10$

- (b) Explain the concept of environmental audit and discuss its various types. Enlist the benefits of an environmental audit. $6+4=10$