

**16P417**

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Name.....

Reg. No.....

**FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, MARCH 2018**

(Regular/Supplementary/Improvement)

(CUCSS - PG)

**CC15 PES4 E25 – CURRENT ENVIRONMENTAL ISSUES IN INDIA**

(Environmental Science)

(2015 Admission onwards)

Time: Three Hours

Maximum: 36 Weightage

**Part A**

Answer *all* questions.

Each question carries *1* weightage.

1. Which are the major green house gases?
2. What do you mean by environmental audit?
3. Define wetlands.
4. Expand a). CITES b). MoEF
5. Name any two conservation movements that occurred in South India.
6. Mention the pillars of sustainable development.
7. The theme of World Wetlands Day – 2017 was .....
8. Differentiate between climate and weather.
9. What are shola forests?
10. Write any two advantages of camera trapping method.
11. What is Ganga Action Plan?
12. What is vivipary?
13. List any two seismic zones of India.
14. What is ecological footprint?

**(14 x 1= 14 weightage)**

**Part B**

Answer any *seven* of the following questions.

Each question carries *2* weightage.

15. Write a note on the structure of atmosphere with suitable illustration.
16. Write a note on urban heat islands.
17. Explain about ENSO and its effects on tropical countries like India.
18. Write a note on the initiatives of India for the conservation of forests.
19. Briefly explain about the relevance of cost –benefit approach.
20. Write a note on biosphere reserve and its significance.

21. Explain about the guidelines for designating a wetland as Ramsar site.
22. Discuss the threats of mangrove ecosystems.
23. Write a note on International treaties on climate change.
24. Explain about the Monsoon and its relevance to India.

**(7 x 2 = 14 weightage)**

**Part C**

Answer any *two* of the following questions.  
Each question carries *4* weightage.

25. Explain about the environmental issues of India and brief about the initiatives taken by the Government of India for its management
26. Write a note on *any two* of the following:
  - a) Sustainable cities
  - b) Community participation in conservation
  - c) ecological significance of coral reef ecosystems
  - d) Biodiversity hotspots
27. Explain about the major environmental movements in India.
28. How human wildlife conflicts are occurring? What are the factors driven to such issues?  
Explain with suitable examples and suggest a few management strategies.

**(2 x 4 = 8 weightage)**

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