6/C-55 (Syllabus-2015)

Cyclescorthoid

2018

(April)

ENVIRONMENTAL STUDIES

VYSUJEDCES CESS VESICE OF SELECTION SEEDS JACKEY

(Common Paper)

Marks: 75

Time: 3 hours

The figures in the margin indicate full marks for the questions

PART-A

(Short answer-type)

Answer all questions:

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1½×10=15

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- 1. What is Ecomark?
- 2. What is in situ conservation?
- 3. What do you mean by genetic diversity?
- 4. What are biogeochemical cycles?
- 5. What do you mean by eutrophication?

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(3)

| 6. | What | do you | mean | by | consumptive | value | of |
|----|--------|--------|------|----|-------------|-------|----|
| | biodiv | | | | | | |

- 7. What are primary and secondary air pollutants?
- 8. Define radioactivity.
- 9. What is sustainable development?
- 10. What is meant by 'population explosion'?

PART-B

continue or settores

COLUMN STREET

(Long answer-type)

Answer all questions:

 $4 \times 5 = 20$

- 11. What is an aquifer? Discuss its types. 1+3=4
- 12. What do you mean by—
 - (a) thermocline;
 - (b) oligotrophic lakes?

2+2=4

13. Write a note on Chernobyl nuclear disaster. 4

- 14. Write short notes on the following:
 - (a) Sanitary landfill
 - (b) Composting
- 15. What is the difference between pyramid-shaped and bell-shaped age structure?

PART—C

a degraded waterseb.s.

(Essay type)

Answer any four questions:

 $10 \times 4 = 40$

2+2=4

- 16. Discuss, with the help of a case study, how big dams have affected forests and tribals. 10
- 17. What are the major causes for conflicts over water? Discuss one international and one inter-State conflict over water. 4+6=10
- 18. Explain, with the help of a diagram, the nitrogen cycle and carbon cycle. 5+5=10
- 19. What is ecological succession? Discuss its different stages. 2+8=10

- 20. Discuss the salient features of the-
 - (a) Wildlife (Protection) Act, 1972;
 - (b) Forest (Conservation) Act, 1980. 5+5=10
- 21. What is watershed management? Discuss the methods to be adopted for reclamation of a degraded watershed.

 2+8=10

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