

C 82425

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Name.....

Reg. No.....

SECOND SEMESTER B.A./B.Sc. DEGREE EXAMINATION, APRIL 2020

(CBCSS—UG)

Environment and Water Management

EWM 2B 02—ENERGY AND ENVIRONMENT

(2019 Admissions)

Time : Two Hours

Maximum : 60 Marks

Section A

Answer all questions each question carries 2 marks.

1. Distinguish between renewable and non renewable resources.
2. Expand OTEC.
3. What is geothermal energy ?
4. What is shale oil ?
5. Explain nuclear fusion.
6. What are solar ponds ?
7. What are tide mills ?
8. What is biomass ?
9. What are the principles of nuclear reactor ?
10. What are nuclear fuels ?

(Ceiling 15 marks)

Section B

Answer all questions each question carries 5 marks.

11. Write short notes on ocean energy.
12. Describe the classification of fossil fuels.
13. Write short notes on wind power.
14. Explain gas hydrates.

Turn over

15. Explain different types of biomass.
16. Write short notes on global warming and its consequences.
17. What are the scopes of solar powers ?

(Ceiling 25 marks)

Section C

Answer any two questions.

18. Explain energy use pattern in India.
19. Explain the impacts of large scale exploitation of hydro and nuclear energy sources.
20. What is bioenergy ? Explain the future scope of bioenergy.
21. Explain the solar radiation and its spectral characteristics.

(2 × 10 = 20 marks)

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