

Environmental science

End semester examination 2021 (model questions)

B.Sc semester vi

paper -CC-XIV

MULTIPLE CHOICE QUESTIONS

Q1. Wind farms operate on land where the wind tends to be the strongest and known as

- A) onshore windfarms B) off shore wind farms
- C) both D) none of the above

Q2. Photovoltaic cells are used in

- A) Solar energy B) Wind energy C) OTEC D) none

Q3. A measure of human demand on the earth's ecosystem is known as

- A). Stewart ship B) ecological footprint C) ecological pyramid D) none

Q4. Green technology allows us to

- A) use solar energy B) use wind energy C) use water energy D) all of the above

Q5. Both power and manure is provided by

- A) nuclear plants B) thermal plants C) biogas plants D) hydroelectric plants

Q6. In which year did the word sustainable development come into existence?

- A) 1980 B). 1989. C) 1974 .D) 2000

Q7. What is the other word for landscaping?

- A) reduction. B) restoration C) removing topsoil D) none

Q8. Any adulterated elements leak into the ground filtration and are carried into a ground water reserve well is known as

- A) land contamination B) noise pollution C) water pollution D) air pollution

Q9. Which of the following is not the purpose of green building? A). To reduce use of water B) to minimise damage of the environment C) reuse of waste material D) none

Q 10. Which of the following green rating systems are currently working in India

- A). LEED B). GRIHA C) both A and B D) none of the above

Q 11. When GRIHA has been launched in India?

- A) 2008 B) 2006 C) 2010 D) 2011

Q 12. Sustainable building is that

A). Green building B) environmental building C) both A and B D) none of the above

Q 13. The solar cell efficiency is about

A) 25% B) 15% C) 48% D) 63%

Q 14. The solar heater function is to convert the solar energy into

A) radiation B) electrical energy C) thermal energy D) none of the above

Q 15 how many layers do solar cells consist of

A) one layer B) two layers C) three layers D) four layers

Short answer type questions

Q1 write a short note on solar energy

Q2 write a short note on wind energy

Q3 write a short note on green economy

Q4 explain ecological footprint

Q5 write a short note on sustainable development

Q6 write a short note on green building

Q7 write a short note on OTEC

Q8 write a short note on geothermal energy

Q9 write a short note on ecological footprint

Q10 write a short note on agroforestry.

Long answer type questions

Q1 write an essay on green technology including its all aspects

Q2 write an essay on sustainable development

Q3 write an essay on renewable sources of energy

Q4 write an essay on India's efforts towards green technology

Q5 describe green economy and green fund