

MODEL QUESTIONS (ENST)-2025

Class XII

Semester III

Answer 40 questions

1X40

1. Which of these layers of atmosphere consists of the ozone layer that is responsible for absorbing UV light?
A) Troposphere B) Mesosphere C) **Stratosphere** D) None of these
2. Which of these are essential non-metallic mineral?
A) **Coal, silica, clay, cement** B) Iron, copper, aluminium, zinc C) Gold, Platinum, silver D) Granite, limestone, marble
3. What is the estimated percentage of forest land that India should have?
A) 15% B) 50% C) 44% D) **33%**
4. Which of these does not refer to the direct use of forest products?
A) Grass for grazing B) **Gums and resins** C) Medicine D) Bamboo for baskets
5. Which of these does not constitute to a reason for the loss of forests?
A) **Extinction of species** B) Building dams and mining C) Extensive use of wood as fuel D) Increasing use forest land for cultivation
6. Which of these days is celebrated in the form of World Environment Day all around the world? A) 5th July B) 10th June C) 20th October D) **5th June**
7. Which of these is the most naturally occurring and frequent disaster?
A) Tsunami B) Drought C) Earth quake D) **Flood**
8. Which of these countries constitute approximately 57% of the various large dams in world?
A) Brazil and India B) Japan and India C) **China and India** D) Brazil and China
9. Which of the following is not a measure of sustainable water management?
A) Preventing leakage from dams and canals B) **Reducing the rate of run off water** C) Preventing loss in municipal pipes D) Building small reservoirs in place of few mega projects
10. The functional aspects of ecosystem are:
A) Energy cycles B) Nutrient cycles C) Food Chains D) **All of the above**
11. Which of the following activity is incorrect about the impact of human activities on ecosystem?
A) Depletion of ground water B) Extinction of species
C) Decrease of forest area D) **None of these**
12. Which human activity can decrease the oxygen level in atmosphere?
A) **Deforestation** B) Animal hunting C) Mining D) Both A and B
13. Which of the following activity can lower the water table?
A) Soil erosion B) Growth of human population C) **Over extraction** D) All of the above
14. Mention the category that is worst sufferer of destruction of environment:
A) Moderate class B) Rich C) **Poor** D) All of the above
15. Who discovered the term ecosystem?
A) E.P. Odum B) Elton C) **Arthur G Tansley** D) Clements
16. What would happen to the earth in the absence of ant?
A) **Destruction of life** B) Little impact C) Reduction in termite D) No effect

17. All the species on earth along with their environments collectively constitute:
A) **Biosphere** B) Atmosphere C) Hydrosphere D) Lithosphere
 18. A species which faces immediate extinction is termed:
A) Rare B) Vulnerable C) **Endangered** D) None of these
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19. The name of the gas responsible for Bhopal tragedy:
A) **MIC** B) PAN C) SO₂ D) NO₂
 20. Name the instrument used to measure the intensity of earth quake.
A) Barometer B) **Seismograph** C) Thermometer D) None of these
 21. What is the cause of landslide?
A) Heavy rain B) High sand content of soil C) Earth quake D) **All of these**
 22. What the man made cause of earth quake?
A) cutting of forest B) Making roads C) **Making dams and doing underground atomic explosion** D) Volcanic eruption
 23. Forest and wild life are : A) **Renewable resource** B) Non renewable resource C) inexhaustible resource D) None of these
 24. Sustainable development means: A) **meeting the needs without compromising on future needs** B) progress of human beings C) Balance between human needs and ability of earth to provide the resources D) All of the above
 25. The process of restoring the forests that once existed but was removed at some time in the past is known as: A) **Aforestation** B) Reforestation C) Deforestation D) None of these
 26. What is the major limiting factor in the arid areas of our country?
A) Money B) Forests C) **Water** D) Soil
 27. What kind of people are the most ill-affected by the construction of dams?
A) Urban dwellers B) Beach dwellers C) Tourists D) **Tribal people**
 28. An example of nitrogen fixing bacteria in the soil:
A) Rhizobium B) **Azotobactor** C) Nostoc D) Nitrobactor
 29. An example of one way ecological cycle is:
A) carbon dioxide cycle B) Water cycle C) **energy cycle** D) oxygen cycle
 30. Brackish water ecosystem in river deltas are among: A) Least productive ecosystems B) **most productive in terms of biomass production** C) unproductive D) stagnant ecosystems
 31. Some species whose removal can affect the survival of an ecosystem are called :
A) **Key stone species** B) Herbivores C) Producers D) Carnivores
 32. Sundarbans is home to: A) Giant permanent pond B) **Temporary aquatic system** C) Simplest aquatic ecosystem D) Water tank
 33. The inherent ability of organisms to reproduce and multiply is called:
A) C Value B) **biotic potential** C) carrying capacity D) K Value
 34. The largest brackish water lake in India is:
A) **Chilka** lake B) Vembanad lake C) Wooller lake D) Dal lake
 35. The little run Kutch is home to: A) horse B) Giant Indian bustard C) Lion D) **Wild Ass**
 36. The presence of which is necessary for photosynthesis? A)
Chloroform B) **Chlorophyll** C) Phosphorus D) Polymer
 37. Which one is nature changer?
A) consumers B) Producers C) **decomposers and scavengers** D) symbionts
 38. The major reservoir of carbon is: A) Atmosphere B) **Ocean bed** C) Plant and animal D) Rock
 39. The simplest aquatic ecosystem can be seen in a: A) River B) Lake C) **Pond** D) Water tank
 40. Green plants are absent in deep sea; why?
A) **Light is absent** B) High pressure C) Low temperature D) Great depth

41. The term “Nuclear Winter” is associated with: A) Nuclear war B) Nuclear disarmament C) Nuclear weapon testing D) **After effect of a nuclear explosion**
42. The most important reason for decrease in biodiversity is: A) habitat pollution B) introduction of exotic species C) over exploitation D) **habitat destruction**
- 43 Temperate forests occur in India in: A) Indo-gangetic plants B) **Himalayas** C) Eastern India D) Southern peninsula