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Question Paper Version : A

First/Second Semester B.E. Degree Examination, Dec.2023/Jan.2024
Environmental Studies

[Max. Marks: 30]

INSTRUCTIONS TO THE CANDIDATES

1. Answer all the **Thirty** questions, each question carries one mark.
2. Use only **Black ball point pen** for writing / darkening the circles.
3. **For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the OMR sheet.**
4. Darkening two circles for the same question makes the answer invalid.
5. **Damaging/overwriting, using whiteners** on the **OMR** sheets are strictly prohibited.

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1. Disinfection of drinking water is done to remove,
a) Turbidity b) Odour c) Colour d) Bacteria
 2. Fresh sewage become stale in,
a) One hour b) Two hours c) Four hours d) Six hours
 3. The word environment is derived from,
a) Germony b) French c) Spanish d) English
 4. In an Ecosystem the flow of Energy is,
a) Bidirectional b) Clyclic c) Unidirectional d) Multidirectional
 5. The largest reservoir of nitrogen in our planet is,
a) Oceans b) Atmosphere c) Biosphere d) Fossil fuels
 6. Which of the following is absorbed by green plants from the atmosphere?
a) Carbon-di-mide b) Water c) Nutrients d) All of the above
 7. In water treatment, alum is used for,
a) Softening b) Coagulation c) Filtration d) Disinfection
 8. Reduction of brightness of the famous Taj Mahal is due to,
a) Global warming b) Air pollution c) Ozone depletion d) Afforestation

9. DBMS stands for,
 a) Database Management System
 b) Data monitoring system
 c) Data manufacturing system
 d) Data mining station
10. Remote sensing technique deals with the detection and recording of a selected portion of,
 a) Emission spectrum
 b) Light spectrum
 c) Photospectrum
 d) Electromagnetic spectrum
11. Which is not a commonly used coding scheme for images,
 a) JPEG
 b) GIF
 c) MP3
 d) TIFF
12. Petroleum based vehicles emit traces of,
 a) CO₂ and NO_x
 b) SPM
 c) Aldehydes
 d) CH₄
13. Definition of Noise is,
 a) Laid sound
 b) Unwanted sound
 c) Constant sound
 d) Sound of high frequency
14. Highest producer of oil and petroleum is,
 a) Middle East Countries
 b) America
 c) China
 d) India
15. Smog is,
 a) A natural phenomenon
 b) Colorless
 c) Combination of smoke and fog
 d) None of the above
16. Nuclear wastes is active for,
 a) 5 years
 b) 10 years
 c) 50 years
 d) Centuries
17. India has the largest shall of which of the following :
 a) Manganese
 b) Mica
 c) Copper
 d) Diamond
18. Nuclear power plant in Karnataka is located at,
 a) Bhadravathi
 b) Sandur
 c) Raichur
 d) Kaiga
19. Forest prevent soil Erosion by binding soil particles in their,
 a) Stems
 b) Roots
 c) Leaves
 d) Buds
20. GIS is a,
 a) Computer based software
 b) Computer based pointer
 c) Computer based scanner
 d) Computer based keyboard
21. Which of the following animals are Endangered species of India?
 a) Black buck
 b) Elephant
 c) Fox
 d) Giraffe
22. Ozone layers absorbs,
 a) UV rays
 b) Infrared rays
 c) Cosmic rays
 d) CO

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23. Acid rain can be controlled by,
 a) Reducing SO₂ and NO₂ emissions
 b) Reducing oxygen emissions
 c) Increasing number of lakes
 d) Increasing the forest cover
24. With a minimum resources maximum energy can be created by,
 a) Solar radiation
 b) Wind
 c) Nuclear fuels
 d) Tidal waves
25. Earth Day is held every year on,
 a) June 5th
 b) May 1st
 c) July 1st
 d) April 22nd
26. EIA can be expanded as,
 a) Environment Impact Assessment
 b) Environment and Industries Act
 c) Environment and Impact Activities
 d) Environmentally Important Activity
27. World Environment day is celebrated on,
 a) 5th May
 b) 5th June
 c) 18th July
 d) 16th August
28. Atmosphere consists of 79% Nitrogen and 21% oxygen by,
 a) Volume
 b) Weight
 c) Density
 d) All of these
29. The sequence of Eating and being Eaten in an ecosystem is called,
 a) Food chain
 b) Carbon cycle
 c) Sulphur cycle
 d) Hydrological cycle
30. The basic requirement an human beings are provided by,
 a) Industrilization
 b) Agriculture
 c) Nature
 d) Urbanization
