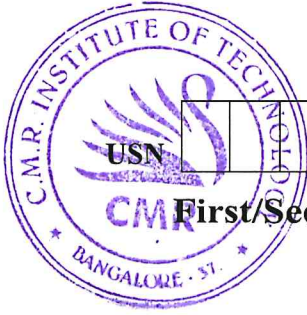


CBCS SCHEME

17CIV18/28



First/Second Semester B.E Degree Examination, July/August 2022

Environmental Studies

(COMMON TO ALL BRANCHES)

Time: 2 hrs.]

[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. Environment Means
 - a) Surrounding (Biotic + abiotic) in which organisms Live
 - b) Atmosphere around one self
 - c) Sum total of social, economical, biological behaviour of animals
 - d) Sum total development activities around.
 2. The term "Environment" has been derived from the French word which means to encircle or surround.
 - a) Environ
 - b) Oikos
 - c) Geo
 - d) Aqua.
 3. Atmosphere consists of 79% Nitrogen and 21% oxygen by
 - a) Volume
 - b) Weight
 - c) Density
 - d) All the above.
 4. Trickle Irrigation reduces
 - a) Percolation
 - b) Prevent – Salinization
 - c) Evaporation of water
 - d) All of the above.
 5. Which of the following major environmental issues involved in mining?
 - a) Air pollution form dust
 - b) Water pollution
 - c) Soil degradation
 - d) All of the above.

6. Which of the following is the most environmental friendly agriculture practice?
 a) Using chemical fertilizers
 b) Using insecticides
 c) Organic farming
 d) None of the above.
7. Deforestation means
 a) Maintenance the forest for recreational purpose
 b) Crating forest land for habitat of wild life
 c) Conversion of forest land to agricultural land, cattle pastes homes etc.,
 d) Planting trees.
8. During photosynthesis, trees produce
 a) Oxygen
 b) CO₂
 c) Nitrogen
 d) Carbon Monoxide.
9. Blue baby syndrome {methaemoglobine mia) is caused by the contamination of water due to
 a) Phosphates
 b) Sulphur
 c) Arsenic
 d) Nitrates.
10. The most important fuel used by Nuclear power plant
 a) ²³⁵U
 b) ²³⁸U
 c) ²⁴⁵U
 d) ²⁴⁸U
11. Chernobyl nuclear disaster occurred in the year
 a) 1984
 b) 1952
 c) 1986
 d) 1987.
12. Which of the following is not a renewable source of energy?
 a) Fossil Fuels
 b) Solar Energy
 c) Tidal wave energy
 d) Wind Energy.
13. Turbidity in water mainly arises from
 a) p^H
 b) Dissoloved solids
 c) Colloidal matter
 d) None of these.
14. The effluents from urban areas contain
 a) Oils and greases
 b) Detergents
 c) Nutrients
 d) All
15. BOD is
 a) Biological oxygen Demond
 b) A measure of the dissoloved solids present in waste water
 c) Usually greater than COD
 d) All of the above.
16. Demography is the study of
 a) Animals behaviour
 b) Population Growth
 c) Rivers
 d) None of these.
17. The global warming may bring about the following changes in the climate of the earth
 a) Increase in the rainfall
 b) Desertification
 c) Drought
 d) All

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18. The rising level of CO₂ in the atmosphere can be reduced by
 a) Increase in forest cover
 b) Use of renewable sources of energy such as solar and wind energy
 c) Minimizing the use of fossil fuels
 d) All.
19. Which of the following is air pollutant?
 a) CO
 b) O₂
 c) N₂
 d) All
20. The primary cause of the acid rain around the world's
 a) CFC
 b) SO₂
 c) CO
 d) O₃
21. Major compound responsible for destruction of stratospheric zone
 a) Oxygen
 b) CFC
 c) CO₂
 d) Methane.
22. Ozone layer absorbs
 a) UV-rays
 b) Infrared rays
 c) Cosmic rays
 d) CO.
23. In which method of municipal solid waste : The waste is dumped in the soil?
 a) Incineration
 b) Composting
 c) Land Filling
 d) Spredding.
24. Which country produces the most e-waste?
 a) United states
 b) Canada
 c) China
 d) Iraq
25. Environmental (Protection) Act was enacted in the year
 a) 1986
 b) 1992
 c) 1984
 d) 1974.
26. The Leader of Chipko movement is
 a) Sunderlal Bahuguna
 b) Medha Patkar
 c) Vandana Shiva
 d) Suresh Heblkar.
27. An International confluence on Environmental Education was held in December 1982 at
 a) Kyoto
 b) Vienna
 c) New Delhi
 d) London.
28. Remote-Sensing includes gathering of
 a) Images
 b) Changes
 c) Movements
 d) Sounds.
29. GIS stands for
 a) Geographic Information System
 b) Generic Information System
 c) Geological Information System
 d) Geographic Information Sharing.
30. GIS deals with which kind of data
 a) Numeric data
 b) Binary Data
 c) Spatial Data
 d) Complexation.

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