CBCS SCHEME

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First/Second Semester B.E Degree Examination, July/August 2021
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. Which of the following conceptual spheres of the environment is having least storage capacity for matter
   a) Atmosphere   b) Lithosphere   c) Hydrosphere   d) Biosphere

2. In an ecosystem, the flow of energy is
   a) Bidirectional   b) Cyclic   c) Multidirectional   d) Unidirectional

3. The sequence of eating and being eaten in an ecosystem is called.
   a) Food chain   b) Carbon cycle   c) Food web   d) Hydrological cycle

4. EIA can be expanded as
   a) Environmental Impact Assessment   b) Environmental Impact Analysis
   c) Environmental Identification Analysis   d) Economic Impact Assessment

5. Water borne diseases are caused due to the
   a) Fecal Contamination   b) Sewage Contamination
   c) both (a) and (b)   d) Toxic matter

6. In water treatment alum is used for
   a) Softening   b) Coagulation   c) Filtration   d) Disinfection

7. Definition of Noise is
   a) Loud sound   b) unwanted sound
   c) Constant sound   d) Sound of high frequency

8. Smog is
   a) A natural phenomenon
   b) Colorless
   c) Combination of smoke and fog
   d) None of the above

9. Excessive nitrate in drinking water causes
   a) Fever
   b) Cough
   c) Gastro enteritis
   d) Blue babies

10. Disfigurement in the teeth is caused by excessive amount of
   a) Mercury
   b) Nitrate
   c) Fluoride
   d) Lead

11. Solar energy is stored in
   a) Carbon carbon bonds
   b) Green leaves
   c) Biomass
   d) Fossil fuels

12. Environmental pollution is due to
   a) Rapid urbanization
   b) Deforestation
   c) Afforstation
   d) Both (a) and (b)

13. Sound beyond which of the following level can be regarded as a pollutant
   a) 40dB
   b) 80dB
   c) 120dB
   d) 150dB

14. Alternate Eco-friendly fuel for automobiles are
   a) Petrol
   b) Diesel
   c) CNG
   d) Kerosene

15. World Environmental Day is on
   a) 5th June
   b) 5th May
   c) 15th August
   d) 10th November

16. The pH value of the acid rain water is
   a) 5.6
   b) 7.0
   c) 8.0
   d) 9.0

17. Major compound responsible for the destruction of stratospheric zone layer is
   a) CFC
   b) oxygen
   c) CO_2
   d) Methane

18. Ozone layer is measured in
   a) PPM
   b) PPB
   c) Decibels
   d) Dobson units

19. The liquid waste from baths and kitchens is called
   a) Sullage
   b) Domestic sewage
   c) Run off
   d) Storm waste

20. What is the permissible range of pH for drinking water as per the IS?
   a) 6.0 – 9.0
   b) 9.0 – 12.0
   c) 5.0 – 8.0
   d) 6.5 – 8.5

21. Environment is the life support system that includes
   a) Air
   b) Water
   c) Land
   d) All of the above

22. Effect of modern agriculture on soil is due to
   a) Erosion
   b) Acidification
   c) Salinization
   d) All of the above

23. Harnessing the wind energy is done by
   a) Wind mill
   b) Ball mill
   c) Pig mill
   d) Flour mill

24. Plants grown by the roadside have higher content of
    a) Pb   b) Fe   c) Cr   d) Ca

25. Environmental (Protection) Act was enacted in the year _____
    a) 1986   b) 1992   c) 1984   d) 1974

26. Earth's Day its observed on
    a) 1ˢᵗ December   b) 5ᵗʰ June   c) 22ⁿᵈ April   d) 1ˢᵗ January

27. The Tiger Conservation Project was started in
    a) 1973   b) 1984   c) 1999   d) 2010

28. GIS stands for
    a) Geostationary Interact Sensor   b) Geographical Information System
    c) Geotechnical Information Society   d) Geothermal Investigation Site

29. RADAR stands for
    a) Radio and Distance Ranging   b) Radio Detection and Ranging
    c) Ranging and Detection Arrangement   d) Radio-Detection Recorder

30. GIS is a
    a) Computer based software   b) Computer based printer
    c) Computer based scanner   d) Computer based plotter

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