

# CBCS SCHEME

15CIV18/28

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Question Paper Version : A



## First/Second Semester B.E. Degree Examination, July/August 2021 Environmental Studies

(COMMON TO ALL BRANCHES)

Time: 2 hrs.]

[Max. Marks: 40

### INSTRUCTIONS TO THE CANDIDATES

1. Answer all the fourty 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. Lithosphere means
    - a) Air
    - b) Water
    - c) Micro-organisms
    - d) Rock and Soil.
  2. Effect of modern agriculture on soil is due to
    - a) Erosion
    - b) Acidification
    - c) Salinisation
    - d) All.
  3. The study of interactions between living organisms and environment is called as
    - a) Ecosystem
    - b) Ecology
    - c) Phytogeography
    - d) Phytosociology.
  4. The environment which has been modified by human activities is called
    - a) Natural environment
    - b) Anthropogenic environment
    - c) Urban environment
    - d) Modern environment.
  5. Which one is the correct food chain?
    - a) Phytoplankton → zooplankton → Fish
    - b) Zooplankton → phytoplankton → Fish
    - c) Grass → Fish → Zooplankton
    - d) Zooplankton → protozoans → Fish

-A1-

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6. In an aquatic ecosystem phytoplankton may be considered as a
  - a) Consumer
  - b) Producer
  - c) Saprotrophic organisms
  - d) Micro-consumer.
7. The basic requirements of human beings are provided by
  - a) Industrialization
  - b) Agriculture
  - c) Nature
  - d) Urbanization.
8. E. I.A can be expanded as
  - a) Environmental and Industrial Act
  - b) Environmental and Impact Activities
  - c) Environmental Impact Assessment
  - d) Environmentally Important Activity.
9. The ground water depends on
  - a) Amount of rainfall
  - b) Run-off
  - c) Geological formations
  - d) All of the above.
10. Fluoride pollution mainly affects
  - a) Kidney
  - b) Brain
  - c) Heart
  - d) Teeth
11. Mineral resources are
  - a) Renewable
  - b) Non-renewable
  - c) Available in plenty
  - d) Equally distributed.
12. Cow dung can be used
  - a) As manure
  - b) As Fuel
  - c) For production of biogas
  - d) All of the above.
13. Which of the following is not a part of the hydrological cycle?
  - a) Precipitation
  - b) Infiltration
  - c) Transpiration
  - d) Perspiration.
14. Which of the following is not a natural mineral?
  - a) Asbestos
  - b) Feldspar
  - c) Phosphate
  - d) Nitrogen
15. Wind energy generation depends on
  - a) Humidity
  - b) Direction of wind
  - c) Velocity of wind
  - d) Precipitation.
16. Among the following coal varieties, which is having highest calorific value?
  - a) Peat
  - b) Lignite
  - c) Anthracite
  - d) Bituminous
17. Environmental pollution is due to
  - a) Rapid urbanization
  - b) Deforestation
  - c) Aforestation
  - d) Both a and b

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