

# CBCS Scheme

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15CIV18/28

**First/Second Semester B.E Degree Examination, June/July 2018**

## **Environmental Studies**

**(COMMON TO ALL BRANCHES)**

Time: 2 hrs.]

[Max. Marks: 40

### **INSTRUCTIONS TO THE CANDIDATES**

1. Answer all the forty 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 is not a prominent chemical responsible for a good habitat  
a) O<sub>2</sub>                      b) CO<sub>2</sub>                      c) SO<sub>2</sub>                      d) Nutrients
  2. Which of the following is a biotic component of an Ecosystem  
a) Fungi                      b) Sunlight                      c) Temperature                      d) Humidity
  3. The Flow of energy in an Ecosystem is  
a) Bidirectional                      b) Cyclic                      c) Unidirectional                      d) Multidirectional
  4. Alternative Eco – friendly fuel for automobiles is  
a) Petrol                      b) Diesel                      c) CNG                      d) Kerosene
  5. The uppermost layer of atmosphere is  
a) Thermosphere                      b) Exosphere                      c) Mesosphere                      d) None
  6. Primary consumer is  
a) Herbivores                      b) Carnivores                      c) Macro consumers                      d) Omnivores
  7. World Environment day is on  
a) 5<sup>th</sup> May                      b) 5<sup>th</sup> June                      c) 9<sup>th</sup> August                      d) 9<sup>th</sup> June

8. Which of the following is not a part of Hydrological cycle  
a) Precipitation      b) Infiltration      c) Transpiration      d) Perspiration
9. The life zone of the earth is  
a) Atmosphere      b) Hydrosphere      c) Biosphere      d) None
10. E.I.A can be expanded as  
a) Environment and Industrial Act      b) Environment and Impact Activities  
c) Environmental Impact Assessment      d) Environmentally important Activity
11. Eutrophication is  
a) An improved water quality      b) Process in Carbon Cycle  
c) Accumulation of plant nutrients in water      d) None of these
12. Effect of modern agriculture on soil is due to  
a) Erosion      b) Acidification      c) Salinization      d) All of these
13. Minamata episode of Japan is due to the poisoning of  
a) Lead      b) Nickel      c) Mercury      d) Cadmium
14. Percentage of Fresh water available on the earth is  
a) 2.8%      b) 2.2%      c) 0.6%      d) 2.15%
15. Which of the following sector uses maximum quantity of water  
a) Agriculture      b) Domestic  
c) Recreation      d) Animal Husbandry
16. Maximum total hardness allowed in the drinking water  
a) 600 mg/Ltr      b) 1000 mg/Ltr      c) 1500 mg/Ltr      d) 750 mg/Ltr
17. Excessive concentration of Fluoride in water causes  
a) Dental and skeletal fluorosis      b) Tooth decay  
c) Methemoglobinemia      d) None of these
18. Mineral is  
a) Organic matter      b) Synthetic compound  
c) Naturally occurring inorganic substance      d) None of these
19. India is the world leading producer of  
a) Mica      b) Iron      c) Coal      d) Copper
20. Which of the following is not the renewable source of energy  
a) Solar energy      b) Biomass      c) Nuclear energy      d) Bio - gas
21. Hydrogen can be produced commercially by  
a) Ammonia cracking      b) Electrolysis of water  
c) Both 'a' and 'b'      d) Gasification.

22. The liquid wastewater from baths and kitchen, etc... is called  
 a) Sullage                      b) Domestic sewage                      c) Storm water                      d) Run - off
23. The Air pollution control device suitable for removing the finest dust from the air is  
 a) Cyclone separator                      b) Fabric filter  
 c) Settling chamber                      d) Electrostatic precipitator
24. The noise level human can hear without discomfort is  
 a) 140 dB                      b) 110 dB                      c) 80 dB                      d) 190 dB
25. Smog is  
 a) Natural Phenomenon                      b) Combination of smoke and fog  
 c) Colourless                      d) All of the above
26. Demography is the study of  
 a) Animal behaviour                      b) Population growth                      c) Rivers                      d) None of these
27. The major cause for the global population increase in 19<sup>th</sup> century was due to  
 a) Decrease in birth rate                      b) Industrial revolution  
 c) Decrease in death rate                      d) Green revolution
28. Which of the following is not a greenhouse gas  
 a) O<sub>2</sub>                      b) CO<sub>2</sub>                      c) CH<sub>4</sub>                      d) CFC's
29. Use of CNG came into effect from  
 a) Dec 2002                      b) Dec 2004                      c) Jan 2000                      d) Sept 2003
30. Ozone layer is present in  
 a) Troposphere                      b) Mesosphere                      c) Stratosphere                      d) Thermosphere
31. The Environmental (Protection) Act of India was enacted in the year  
 a) 1986                      b) 1992                      c) 1984                      d) 1974
32. GIS stands of  
 a) Graphical Interface system                      b) Geographical Information system  
 c) Geospatial Impact system                      d) None of these
33. The Chipko movement is  
 a) Conservation of trees                      b) Hugging animals  
 c) Protection of Birds                      d) All of these
34. Which of the following is an NGO  
 a) Narmada Bachao Andolan                      b) Bombay Natural History society  
 c) Centre for Science and Environment                      d) All of these
35. Environmental Education is targeted to  
 a) General public                      b) Professionals  
 c) Technicians & Scientists                      d) All of these



36. GILO stands for  
a) Girls improved Learning outcomes                      b) Girls in Legal organisations  
c) Girls impact on Literacy outcome                      d) None of these
37. Environmental Pollution is  
a) States problem      b) Global problem      c) Countries issue      d) Regional problem
38. There are provisions for protection of our Environment under  
a) Indian Penal code                      b) Police Act  
c) Municipal Act                      d) All of these.
39. The overall Environmental protection and management can be achieved by  
a) The role of state government                      b) Role of central government  
c) NGO's                      d) All the above
40. Sustainable resource management means  
a) Over Exploitation                      b) Keep the resource for next generation  
c) Unequality in resource management                      d) All of these

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