



CBCS SCHEME

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15CIV18/28

First/Second Semester B.E Degree Examination, Dec.2019/Jan.2020 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 conceptual spheres of the environmental is having the least storage capacity
a) Atmosphere b) Lithosphere c) Hydrosphere d) Biosphere
 2. Which of the following organisms is the 'Producer' of the ocean?
a) Phyto Plankton b) Nekton c) Benthos d) Zoo Plankton
 3. Which of the following is not a necessary condition for ensuring food security?
a) Availability of food b) Access to food
c) Self sufficiency in the production of food within a country
d) Must fulfill nutritional requirements.
 4. World Environment day is celebrating on
a) 5th May b) 5th June c) 18th July d) 16th August
 5. A food web consists of
a) A portion of food chain b) Producers, Consumers and Decomposers
c) Interlocking of food chains d) A set of similar consumers
 6. Eutricification is
a) An improved water quality status of lakes
b) The result of accumulation of plant nutrients in water bodies
c) A process in the carbon cycle d) A water purification techniques

7. Earth's Day is celebrating on every year
 a) June 22nd b) September 22nd c) April 22nd d) June 22nd
8. EIA can be expanded as
 a) Environmental and Industrial Activities b) Environment Impact Activities
 c) Environmental Impact Assessment d) Environmental Internal Activities
9. As per the FAO definition the minimum percentage of deflection of tree crown cover , that can be considered as deforestation is
 a) 50 % b) 60% c) 70% d) 90%
10. India has the World's largest share of which of the following :
 a) Manganese b) Mica c) Copper d) Diamond
11. Major purpose of most of the dams around the world is
 a) Power generation b) Irrigation c) Drinking water supply d) Flood control
12. Identify the non renewable source of energy from the following :
 a) Coal b) Fuel cell c) Wind power d) Wave power
13. Methemoglobinemia is caused by the contamination of water due to ____
 a) Mercury b) Nitrate c) Arsenic d) Lead
14. What is the maximum allowable concentration of fluorides in drinking water?
 a) 1.0 mg/l b) 1.25 mg/l c) 1.5 mg/l d) 1.6 mg/l
15. What does BOD stand for?
 a) Biological oxygen demand b) Basic oxygen dissolved
 c) Biological oxygen decomposition d) Biological organic demand
16. In an ecosystem, the flow of energy is
 a) Bidirectional b) Cyclic c) Unidirectional d) Multidirectional
17. An alternative eco – friendly fuel for automobiles is
 a) Petro b) Diesel c) CNG d) Kerosene
18. Cauvery water dispute is between
 a) India and Pakistan b) Punjab and Haryana
 c) Uttar Pradesh and Madhya Pradesh d) Karnataka and Tamil Nadu
19. Both power and manure is provided by
 a) Nuclear plants b) Thermal plants
 c) Biogas plants d) Hydroelectric plants
20. Nitrogen fixing bacteria exists in ____ of plants
 a) Leaf b) Roots c) Stem d) Flower

21. Chernobyl nuclear disaster occurred in the year
a) 1984 b) 1952 c) 1986 d) 1987
22. Minamata disease is caused by
a) Lead b) Mercury c) Cadmium d) Arsenic
23. Bhopal gas tragedy occurred due to the leakage of
a) Methyl Iso Cyanate b) Sulphur dioxide
c) Mustard gas d) Methane gas
24. Nuclear fusion reaction occurs in the
a) sun b) stars c) Hydrogen bomb d) All of these
25. Conversion of nitrates into gases of nitrogen is called.
a) Nitrification b) Nitrogen fixing c) Reduction d) Denitrification
26. Definition of noise is
a) Loud sound b) Unwanted sound
c) Constant sound d) Sound of high frequency
27. Demography is the study of
a) Animal behaviour b) Geography c) Rivers d) Population growth
28. The Ozone layer depletion in the stratosphere is chiefly caused by the release of
a) Chlorofluoro carbons b) Methane
c) Carbon dioxide d) None of these
29. Important sources of land pollution are
a) Industrial waste b) Agricultural waste c) Both a and b d) None of these
30. Acid rain is caused by increase in the atmospheric concentration of
a) Ozone and dust b) SO₂ and NO₂ c) SO₃ and CO d) CO₂ and CO
31. World ozone day is celebrated on
a) September 5th b) October 15th c) September 16th d) June 5th
32. Global warming could affect
a) Climate b) Increase in sea level c) Melting of glaciers d) All of these
33. GIS can be expanded as
a) Geographic Information system b) Geological Information system
c) Geographic Information Satellite d) None of these
34. The Wild Life Protection Act in India was passed in
a) 1978 b) 1972 c) 1986 d) 1992

35. Environment Protection Act was enacted in the year
a) 1986 b) 1974 c) 1992 d) 1984
36. Environmental protection is the fundamental duties of the citizen of India under the article
a) 51 – A(g) b) 48 - A c) 47 d) 21
37. The Forest Conservation Act was enacted in the year
a) 1986 b) 1974 c) 1980 d) 1972
38. The Protocol that reduces green house gas emission is
a) Kyoto protocol b) Montreal protocol c) Cartagena protocol d) Vienna protocol
39. The leader of Chipko movement is
a) Sunderlal Bahuguna b) Medha Parkar
c) Vandana Shiva d) Suresh Hebilkar
40. Environment Education is must for
a) Children b) Women c) Everyone d) Scientists
