

CBGS SCHEME

15CIV18/28

Question Paper Version : A

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First/Second Semester B.E. Degree Examination, Jan./Feb.2021

Environmental Studies

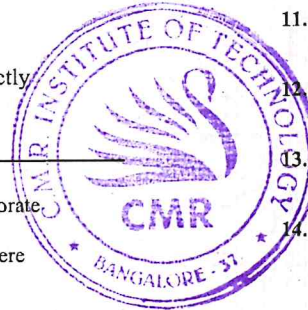
(COMMON TO ALL BRANCHES)

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.



- 1. Which of the following conceptual spheres of the environment is having the least storage capacity of matter?
2. Atmosphere consists of 79 percent Nitrogen and 21 percent Oxygen by
3. In Complex ecosystem the degree of Species diversity is
4. Access to food is mainly determined by
5. Which of the following is not the environmental effect of Industrialization, in general?
6. 'Earth Day' is held every year on

- 7. Major purpose of most of the Dams around the World is
8. Bio - remediation means the removal of Contaminants from
9. The World total quantum of water is
10. Percentage of ground water available on Earth's Environment is
11. Contribution of Carbondioxide to global warming from Industries
12. Optimum growth of bacteria in favourable pH value of
13. Percentage of fresh water available on the Earth is
14. India's density of population according to Census 2011
15. Environment Protection Act 1986 deals with
16. Use of Compressed Natural Gas (CNG) came into effect from
17. Gold occurs in
18. The Tiger Conservation Project was started in
19. The Karnataka State Pollution Control Board (KSPCB) was established in the year
20. Ozone depletion causes

21. Freons are
a) HFC b) CFC c) NFC d) Hydrocarbons
22. Each Chlorine Free radicals can destroy the following number of Ozone molecules
a) 1000 b) 10,000 c) 1,00,000 d) 100
23. Normal average thickness of stratospheric Ozone layer across the globe is around
a) 200DU b) 300DU c) 400DU d) 500DU
24. Petroleum based vehicles emit traces of
a) CO and NOx b) SPM c) Aldehyde d) CH₄.
25. The International Protocol to protect the Ozone layer is
a) Vienna Protocol b) Kyoto Protocol c) Montreal Protocol d) Cartagena Protocol
26. Demography is the study of
a) Animals behaviour b) Population growth c) None of these d) River
27. The average life expectancy around the World is currently
a) Decreasing b) Increasing c) Not changing d) Stabilizing.
28. Which of the following is not the effect of Urbanization
a) Air pollution b) Thermal pollution c) Solid waste protection d) Noise pollution.
29. Noise pollution limits in Industrial area
a) 45 dB b) 80dB c) 65 dB d) 90 dB
30. Air pollution from automobiles can be controlled by fitting
a) Electrostatic precipitator b) Wet scrubber c) Catalytic converter d) All of the above
31. Which of the following source is surface water?
a) Springs b) Streams c) Deep wells d) All of these
32. The liquid waste from baths and kitchens is called
a) Sullage b) Domestic sewage c) Storm waste d) Run off
33. Molasses from Sugar Industry is used to generate
a) Biodiesel b) Hydrogen c) Bioethanol d) Biomethanol
34. Which of the following is used as moderator in the nuclear reactor?
a) Graphite b) Helium gas c) Heavy water d) All of these
35. Wind Forms are located in
a) River Basin b) Plain area c) Hilly area d) Valley area

36. Solar energy stored in
a) Carbon - Carbon Bonds b) Green leaves c) Fossil Fuels d) Biomass.
37. Chernobyl Nuclear disaster occurred in the year
a) 1984 b) 1952 c) 1986 d) 1987
38. Required Iron content in drinking water as specified by BIS is
a) 300 mg/l b) 30 mg/l c) 3 mg/l d) 0.3 mg/l
39. Which of the following is not a part of the hydrological cycle?
a) Precipitation b) Infiltration c) Transpiration d) Perspiration
40. First International Earth Summit was held at
a) USA b) Russia c) Rio - de - Janeiro d) Johannesburg.