

CBCS SCHEME

15CIV18/28

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Question Paper Version : A

First/Second Semester B.E Degree Examination, Dec.2018/Jan.2019

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. The word ecology is proposed by
a) Ernst Heckel b) Helena curtis c) Charles Southwick d) Charles Alton
 2. A food web consists of
a) a portion of food chain b) An organism position in food chain
c) Interlocking of food chain d) A set of similar consumers
 3. Population explosion will cause
a) Bio diversity b) Stress on ecosystem
c) More Employment d) None of these
 4. Which of the following statement is not true about animal husbandary?
a) it is a part of agricultural activity
b) It is breeding, feeding and management of animals
c) It is live stock production
d) It is protective of wild life.
 5. Fossils fuels largely consists of
a) Hydrocarbons
b) Hydrogen sulphide
c) Hydrochloric acid
d) Carbon dioxide.

6. The major contributors to the acid rain are known as
 a) Precursors b) Processors c) Protons d) Pollutants
7. Percentage methane content of biogas is
 a) 5.5 b) 85 c) 55 d) 0.55
8. Water used for irrigation of food crops fodder crops and medical herbs is known as
 a) Consumptive use b) Commercial use
 c) Productive use d) Auxiliary use
9. Environment (protection) Act was enacted in the year
 a) 1986 b) 1992 c) 1984 d) 1974
10. Pesticide causes
 a) eye irritation b) skin irritation
 c) Respiratory ailments d) all of the above
11. Which of the following is not a renewable source of energy
 a) Fossil fuel b) Solar energy c) Tidal wave energy d) Wind energy
12. Percentage of fresh water available below the earth is
 a) 2.8% b) 2.2% c) 0.6% d) 2.15%
13. The quantity of solar energy received by the earth is
 a) 5% b) 15% c) 99% d) 45%
14. Smog is combination of,
 a) Smoking and Fog b) Snow and Fog c) Smoke and Snow d) All the above
15. Agricultural revolution began
 a) 1000-2000 years ago b) 1 million years ago
 c) 30,000 – 50,000 years ago d) 10,000 – 20,000 years ago
16. Environmental pollution is due to
 a) Rapid urbanization b) Deforestation
 c) Afforestation d) a and b, as above
17. What is maximum allowable concentration of fluorides in drinking water?
 a) 1.0 mg/litre b) 1.25 mg/litre c) 1.50 mg/litre d) 1.75 mg/litre
18. Which pyramid is always upright?
 a) Energy b) Biomass c) Numbers d) Food chain
19. The leader of chipko movement is
 a) Sunderlal Bahuguna b) Medha Patkar
 c) Vandana Shiva d) Suresh Heblkar

20. Bhopal Gas Tragedy was caused due to leakage of
a) Methyl iso cyanate (MIC) b) Sulphur dioxide
c) Mustard gas d) Methane
21. Each chlorine free radical can destroy the following number of ozone molecules
a) 1000 b) 10,000 c) 1,00,000 d) 100
22. In aquatic ecosystem phytoplankton can be considered as a
a) Consumer b) Producer
c) Saprotrophic organisms d) Macro consumer
23. The first international earth summit was held in
a) Johannesberg b) Kyoto c) Stockholm d) Riodejanerio
24. Ozone layer thickness is measured in
a) PPM b) PPb c) Decibels d) Dobson unit
25. The water (Prevention and control of pollution) Act was enacted in the year
a) 1986 b) 1974 c) 1994 d) 2004
26. Karnataka State Pollution Control Board (KSPCB) was established in the year.
a) 1947 b) 1982 c) 1986 d) 1976
27. Which state is having highest woman literacy rate in India?
a) Karnataka b) Punjab c) Rajasthan d) Kerala
28. Noise is measured in
a) Decibels b) Jouls c) PPM d) NTU
29. Excess nitrates in drinking water is likely to cause
a) Fluorosis b) Minamata
c) Blue baby syndrome d) None of these
30. The word 'Environment is derived from,
a) Greek b) French c) Spanish d) English
31. Forests prevent soil erosion by binding soil particles in their
a) Stems b) Roots c) Leaves d) Buds
32. Study trends in human population growth and prediction of future growth is called
a) Demography b) Biography c) Kalography d) Psychology
33. Large regional unit characterized by Flora and Fauna is
a) Biosphere b) Biome c) Ecosystem d) All of these
34. Environment means
a) Sum total of all condition b) A beautiful land scape
c) Industrial Production d) Air and water

35. Remote sensing is a
a) Satellite system b) Ground segments c) Sensor system d) All of these
36. Terrace forming is practiced in
a) Coastal areas b) Hills c) Deserts d) Plains
37. Who is the author of the book "Silent Spring"?
a) Robin cook b) Arthur Hailey c) Rachel carson d) Darwin
38. Geothermal energy is a
a) Heat energy b) Current energy c) Wind energy d) Solar energy
39. Which of the following is not a "green house gas"?
a) Oxygen b) Carbon dioxide c) Chlorofluro carbon d) Methane.
40. GIS can be expanded as
a) Geological information system b) Geographic information system
c) Geodynamic intimation system d) Geographic internet system
