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

(COMMON TO ALL BRANCHES)

Time: 2 hrs.]

[Max. Marks: 30

INSTRUCTIONS TO THE CANDIDATES

1. Answer all the thirty 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. In an ecosystem, the flow of energy is
a) Bidirectional b) Cyclic c) Unidirectional d) Multidirectional
 2. Which of the following statements is TRUE
a) Green plants are self nourishing
b) Producers depends on consumers
c) Biotic components includes all non-living components
d) Herbivores depend on Carnivores
 3. In an ecosystem biological cycling of materials is maintained by
a) Producer b) Consumers c) Decomposer d) All of these
 4. Which of the following is not a prominent chemical responsible for a good habitat?
a) O₂ b) CO₂ c) SO₂ d) Nutrients
 5. The most abundant element in the earth crust is
a) Oxygen b) Silicon c) Sodium d) Iron
 6. E.I.A. can be expanded as
a) Environment and Industrial Act
b) Environment and Impact Activities
c) Environment Impact Assessment
d) Environmentally Important Activity
 7. The permissible limit of the important constituent head in domestic potable water as per BIS is
a) 0.05 mg/L b) 0.005 mg/L c) 5 mg/L d) 1 mg/L

8. Skeletal fluorosis is characterized by
 a) Severe and permanent bone joint deformation
 b) Disordered backend
 c) Nervous breakdown
 d) Anemic
9. Which of the following standards about forest is not correct?
 a) Forests reduces soil erosion
 b) Provides recreational opportunities
 c) Provides a source of economic development
 d) None of these
10. At present Karnataka is having forest covered of
 a) 20.19% b) 18.10% c) 28.00% d) 16.4%
11. Conversion of nitrates into gases of nitrogen is called _____.
 a) Nitrification b) Nitrogen fixing c) Reduction d) Denitrification
12. Good example for sedimentary cycle is
 a) Carbon cycle b) Oxygen cycle c) Nitrogen cycle d) Sulphur cycle
13. Water is an excellent solvent because
 a) It has high dielectric constant b) It is volatile
 c) Both a and b d) None of these
14. BCD is
 a) Biochemical Oxygen Demand b) A measure of dissolved solids
 c) Usually greater than COD d) All of these
15. Definition of noise in
 a) Loud sound b) Unwanted sound
 c) Constant sound d) Sound of high frequency
16. Road traffic noise varies depending on
 a) Number and type of operating vehicles b) Traffic density
 c) The hour of the day d) All of these
17. Noise pollution limits at residential area.
 a) 45 dB b) 80 dB c) 55 dB d) 90 dB
18. The noise level human can hear without discomfort is
 a) 140 dB b) 110 dB c) 80 dB d) 190 dB
19. Demography is the study of
 a) Animal's behavior b) Population growth
 c) Rivers d) None of these
20. The average life expectancy around the world is currently
 a) Increasing b) Decreasing
 c) Not changing d) Stabilizing

