

CBCS SCHEME

17CIV18/28



USN

First/Second Semester B.E Degree Examination, Feb./Mar. 2022

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. Environmental studies involve studies of
 - a) Evolution of life
 - b) All aspects of human environment
 - c) Nitrogen cycle
 - d) Carbon cycle
 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. Earth day is held every year on
 - a) June 5th
 - b) November 23rd
 - c) April 22nd
 - d) January 26th
 4. Percentage of fresh water available on the earth is
 - a) 2.8%
 - b) 2.2%
 - c) <1%
 - d) 2.15%
 5. Important factor that causes water borne diseases is
 - a) using contaminated sewage for irrigation
 - b) leaching of untreated fecal and urinary discharges into water bodies
 - c) discharge of industrial waste water
 - d) by eating contaminated food.



16. Renewable energy is
a) Exhaustible
b) Inexhaustible
c) Both (a) and (b)
d) None of the above
17. The two major components of ecosystem are
a) adiabatic and isotropic
b) exologic and climatologic
c) cyclic and biologic
d) abiotic and biotic
18. Forest rich area in Karnataka is found in
a) Western Ghats
b) Bandipur
c) Mangalore
d) Gulbarga
19. Smog is combination of
a) Smoke and fog
b) Snow and fog
c) Smoke and snow
d) All of the above
20. EIA means
a) Environmental industrial impact
b) Eco industrial impact
c) Eco impact assessment
d) Environmental impact assessment
21. Typhoid, Cholera are examples of
a) Viral infection
b) Bacterial infection
c) Protozoan infection
d) None
22. The earth's land surface covered by forest is
a) $\frac{1}{4}$
b) $\frac{2}{3}$
c) $\frac{1}{3}$
d) $\frac{1}{2}$
23. The source of hydrogen are
a) Biomass
b) Coal
c) Water
d) All of the above
24. Temporary hardness of water is due to
a) Chloride
b) Manganese
c) Calcium
d) Carbonate Hardness
25. Pesticide causes
a) eye irritation
b) skin irritation
c) respiratory ailments
d) all of the above

26. The word ecology is coined by
a) Ernst Haeckel
b) Helena Curtis
c) Charles Wick
d) Charles Alton
27. Blue baby syndrome is caused by
a) phosphates
b) sulphur
c) arsenic
d) nitrates
28. Electromagnetic radiation can cause
a) Leukemia
b) Genetic disease
c) Cancer
d) All of the above
29. The liquid waste from bathrooms and kitchens is called
a) Sullage
b) domestic sewage
c) storm waste
d) run off
30. Physical pollution of water is due to
a) Chlorides
b) Turbidity
c) pH
d) All of these
