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.
- 1. Environmental studies involve studies of
 - a) Evolution of life
 - c) Nitrogen cycle

- b) All aspects of human environment
- d) Carbon cycle

- 2. A food web consists of
 - a) a portion of food chain
 - c) interlocking of food chain
- b) an organism position in food chain
- d) a set of similar consumers
- 3. Earth day is held every year on
 - a) June 5th
 - c) April 22nd

- b) November 23rd
- 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.

6.	Which of the following is not a renewable s a) fossil fuel c) tidal wave energy	ource of energy? b) solar energy d) wind energy
7.	Chernobyl nuclear disaster took place in a) 1986 c) 1992	b) 1982 d) 1996
8.	Water without Fluoride causes a) Corrosion c) scale formation	b) dental cavities d) tooth decay
9.	Global warming may bring about the follow a) Change in the rainfall c) Drought	ing changes in the climate of earth b) Increase in sea level d) All of the above
10.	Ozone is present in which layer of the atmos a) Ozonosphere c) Troposphere	sphere? b) Stratosphere d) Ionosphere
11.	Which of the following is a natural source of a) Acid rain c) Storms	f Air pollution? b) Precipitation d) Volcanic eruption
12.	During green house effect, carbondioxide ar a) Short wave radiations c) Solar radiation	nd water vapours absorbs b) long wave radiation d) uv radiations
13.	Demography means a) Study on forest c) Study on earthquake	b) Study on human activities d) Study on population growth
14.	Eutrophication means a) Quality of water in lakes c) Water purification technique	b) Enrichment of plant nutrients in water d) Meeting point of river and sea
15.	The volume of nitrogen present in the tropos a) 85% c) 21%	sphere is b) 78% d) 5%

16. Renewable energy is a) Exhaustiable b) Inexhaustible d) None of the above c) Both (a) and (b) LORE 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 Typhoid, Cholera are examples of a) Viral infection b) Bacterial infection c) Protozoan infection d) None The earths land surface covered by forest is b) 2/3 a) 1/4 c) 1/3 d) 1/2 The source of hydrogen are a) Biomass b) Coal c) Water d) All of the above Temporary hardness of water is due to a) Chloride b) Manganese c) Calcium d) Carbonate Hardness 25. Pesticide causes

b) skin irritation

d) all of the above

a) eye irritation

c) respiratory ailments

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 c) arsenic	b) sulphur 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 k	titchens 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
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