17CIV18/28 USN Question Paper Version : A

First/Second Semester B.E. Degree Examination, June/July 2018 **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.
- Darkening two circles for the same question makes the answer invalid.
- Damaging/overwriting, using whiteners on the OMR sheets are strictly prohibited.
- 1. The sequence of eating and being eaten in an ecosystem is called
 - a) Food chain

b) Carbon cycle

c) Food web

- d) hydrological cyc
- In aquatic ecosystem phytoplankton can be considered as 2.
 - a) Consumer

b) Producer

c) Macro consumer

- d) None of these
- Ecological pyramids are studies of 3.
 - a) Pyramid of Energy c) Pyramid of biomass

- b) Pyramid of numbers
- d) all of these
- E.I.A can be expanded as 4.
 - a) Environment & Industrial act
- b) Environment & Impact Activities
- c) Environmental Impact Assessment
- d) None of these
- 5. Water logging is a phenomena in which
 - a) Water patterns are rotated
 - b) Soil root zone becomes saturated due to over irrigation.
 - c) Erosion of soil
 - d) Soil degradation

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6.	The permissible limit of Lead in domest a) 0.05 mg/L b) 0.005 mg/L	ic portable water as per BIS c) 0.5 mg/l	S is d) 5 mg/L
7.	Carbon cycle involves a) Ammonia, nitrate and proteins c) Sulphur dioxide, Sulphate & Proteins	b) Carbon dioxide, water at Carbon, Nitrogen and C	
8.	Deforestation means a) conservation of forest c) monocrop cultivation	b) destruction of forestd) decrease in agriculture	
9.	Blue baby syndrome is caused by the co. a) Phosphates c) Arsenic	b) Sulphur d) Nitrates	
10.	Excess fluorides in drinking water cause a) Blue babies c) Beriberi	b) Fluorosis d) Rickets	
11,	Tixation of nitrogen is done by a) Lightening c) Fertilizer factory	b) Fixing bacteriad) All of these	
12.	Recycled waste water can be used for a) crop irrigation c) Replenishing fast depleting aquifers	b) landscape gardeningd) All of these	
13.	Noise pollution is controlled by a) Reducing the noise at the source c) Protecting the receiver	b) Preventing its transmis d) All of these	sjon
14.	LPG is a mixture of a) N ₂ and H ₂ S c) Propane and butane	b) CO ₂ and N ₂ d) Methane and CO ₂	
15.	Direct conversion of solar energy is atta a) Solar photovoltaic cells c) Solar thermal system	hined by diesel hybrid system None of these.	
16.	Nuclear wastes are active for a) 5 years b) 10 years	c) 50 years	d) centuries
17.	Molasses from sugar industry is used to a) Biodiesel b) Hydrogen	generate c) Bioethanol	d) Biomethanol
18.	a) Animals behaviour c) Rivers CMR	b) Population growth d) Forests IT LIBRAGE	
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		The major objectives of family welfare p a) Employment generation c) Disease control	b) Population growth and control d) None of these
		laughing gas? a) Methane c) Nitrous oxide	colorless, non flammable, sweetish odour and b) CO ₂ d) SO ₂
	21.	Nuclear fission reaction involves the bor a) Electrons c) Protons	b) Neutrons d) Alpha radiation
	22.	Remote sensor detects a) Electromagnetic radiation c) only IR radiations	b) only visible radiationsd) only UV radiations
	23.	The tiger conservation project was started a) 1973	ed in b) 1975 d) 2000
	24.	Centre for science and environment is a) Government organization c) International body	b) Non government organization d) None of these
	25.	The leader of "Chipko Movement" is a) Sunderlal Bahuguna c) Vandana Shiva	b) Medha Patkar d) Mahatma Gandhi
	26.	GILO is a project associated with a) Environment protection c) Women education	b) Environment education d) None of these
	27.	India has the largest share of which of the a) Manganese c) Copper	he following b) Mica d) Silver
	28.	Physical pollution of water is due to a) Dissolved oxygen c) Turbidity	b) pH d) None of these
	29.	Which of the following is the source of a) Vehicular exhaust c) Thermal power plant	fly ash? b) Sewage d) All of these
	30.	The permissible range of pH for drinking a) 6 to 9 c) 6 to 8.5	b) 6.5 to 8.5 d) 6.5 to 7.5