## CBCS Scheme

17CIV18/28 **Question Paper Version:** B

USN

## First/Second Semester B.E. Degree Examination, June/July 2018 **Environmental Studies**

## (COMMON TO ALL BRANCHES)

Time: 2 hrs.]

c) Rivers

[Max. Marks: 30

## INSTRUCTIONS TO THE CANDIDATES

- Answer all the thirty questions, each question carries **ONE mark**.
- Use only Black ball point pen for writing / darkening the circles.
- 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.
- Damaging/overwriting, using whiteners on the OMR sheets are strictly prohibited.
- Noise pollution is controlled by a) Reducing the noise at the source b) Preventing its transmission c) Protecting the receiver d) All of these LPG is a mixture of 2. a) N<sub>2</sub> and H<sub>2</sub>S b) CO2 and N2 c) Propane and butane d) Methane and CO2 Direct conversion of solar energy is attained by a) Solar photovoltaic cells b) diesel hybrid system c) Solar thermal system d) None of these. Nuclear wastes are active for a) 5 years b) 10 years c) 50 years d) centuries Molasses from sugar industry is used to generate d) Biomethanol a) Biodiesel b) Hydrogen c) Bioethanol Demography is the study of a) Animals behaviour b) Population growth

d) Forests





7.	The major objectives of family welfare	
	<ul><li>a) Employment generation</li><li>c) Disease control</li></ul>	<ul><li>b) Population growth and control</li><li>d) None of these</li></ul>
8.	Which green house gas is known as laughing gas? a) Methane c) Nitrous oxide	b) CO <sub>2</sub> d) SO <sub>2</sub>
		,
9.	Nuclear fission reaction involves the bo a) Electrons c) Protons	b) Neutrons d) Alpha radiation
10.	Remote sensor detects	
	<ul><li>a) Electromagnetic radiation</li><li>c) only IR radiations</li></ul>	b) only visible radiations d) only UV radiations
11.	The tiger conservation project was start	ed in
	a) 1973 c) 1981	b) 1975 d) 2000
12.	Centre for science and environment is	
	<ul><li>a) Government organization</li><li>c) International body</li></ul>	b) Non government organization d) None of these
13.	The leader of "Chipko Movement" is	
10.	a) Sunderlal Bahuguna c) Vandana Shiva	b) Medha Patkar d) Mahatma Gandhi
14.	GILO is a project associated with	
	<ul><li>a) Environment protection</li><li>c) Women education</li></ul>	b) Environment education d) None of these
15.	India has the largest share of which of the following:	
	a) Manganese	b) Mica
	c) Copper	d) Silver
16.	Physical pollution of water is due to	
	a) Dissolved oxygen	b) pH
	c) Turbidity	d) None of these
17.	Which of the following is the source of fly ash?	
	a) Vehicular exhaust	b) Sewage
	c) Thermal power plant	d) All of these
18.	The permissible range of pH for drinking water as per the Indian standard is	
	a) 6 to 9	b) 6.5 to 8.5
	c) 6 to 8.5	d) 6.5 to 7.5



a) Food chain	an ecosystem is called b) Carbon cycle d) hydrological cycle	
In aquatic ecosystem phytoplankton can a) Consumer		
Ecological pyramids are studies of a) Pyramid of Energy c) Pyramid of biomass	b) Pyramid of numbers d) all of these	
E.I.A can be expanded as a) Environment & Industrial act c) Environmental Impact Assessment	b) Environment & Impact Activities d) None of these	
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		
The permissible limit of Lead in domestia) 0.05 mg/L b) 0.005 mg/L	c portable water as per BIS is c) 0.5 mg/L d) 5 mg/L	
Carbon cycle involves a) Ammonia, nitrate and proteins c) Sulphur dioxide, Sulphate & Proteins	b) Carbon dioxide, water and energy d) Carbon, Nitrogen and Oxygen	
Deforestation means a) conservation of forest c) monocrop cultivation	b) destruction of forest d) decrease in agriculture	
Blue baby syndrome is caused by the cona) Phosphates c) Arsenic	ntamination of water due to b) Sulphur d) Nitrates	
Excess fluorides in drinking water cause a) Blue babies c) Beriberi	b) Fluorosis d) Rickets	
Fixation of nitrogen is done by  a) Lightening c) Fertilizer factory	<ul><li>b) Fixing bacteria</li><li>d) All of these</li></ul>	
Recycled waste water can be used for a) crop irrigation c) Replenishing fast depleting aquifers	<ul><li>b) landscape gardening</li><li>d) All of these</li></ul>	
	c) Food web  In aquatic ecosystem phytoplankton can a) Consumer c) Macro consumer  Ecological pyramids are studies of a) Pyramid of Energy c) Pyramid of biomass  E.I.A can be expanded as a) Environment & Industrial act c) Environmental Impact Assessment  Water logging is a phenomena in which a) Water patterns are rotated b) Soil root zone becomes saturated due to c) Erosion of soil d) Soil degradation  The permissible limit of Lead in domestical of the consumer of the consu	