	CS	Scheme

Question Paper Version: B

USN JOSEPH

# 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.
- 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.	Noise pollution is	controlled by		~(0) 25.		
	a) Reducing the no	oise at the source	b) Preventing its transm	ission		
	c) Protecting the re	eceiver	d) All of these	(2).A.		
2.	LPG is a mixture of	of	~ (A) (A)			
	a) $N_2$ and $H_2S$		b) CO <sub>2</sub> and N <sub>2</sub>			
	c) Propane and bu	tane	d) Methane and CO <sub>2</sub>			
	, 1		a) Wethane and CO2			
3.	Direct conversion	of solar energy is atta	ined by			
	a) Solar photovolta	aic cells	b) diesel hybrid system			
	c) Solar thermal sy		d) None of these.			
	•		Market of these.			
4.	Nuclear wastes are active for					
	a) 5 years	b) 10 years	c) 50 years	d) centuries		
5.	Molasses from sugar industry is used to generate					
	a) Diadianal					
	a) Biodiesel	b) Hydrogen	c) Bioethanol	d) Biomethanol		
6.	Demography is the study of					
	a) Animals behavio		b) Population growth			
	c) Rivers		d) Forests			
	200		,			

7.	The major objectives of family welfare p a) Employment generation	
	c) Disease control	<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	colorless, non flammable, sweetish odour and b) CO <sub>2</sub> d) SO <sub>2</sub>
9.	Nuclear fission reaction involves the bora) Electrons c) Protons	mbardment of <sup>235</sup> U by b) Neutrons d) Alpha radiation
10.	Remote sensor detects a) Electromagnetic radiation c) only IR radiations	b) only visible radiations d) only UV radiations
11.	The tiger conservation project was starte a) 1973 c) 1981	d in b) 1975 d) 2000
12.	Centre for science and environment is a) Government organization c) International body	b) Non government organization d) None of these
13.	The leader of "Chipko Movement" is a) Sunderlal Bahuguna c) Vandana Shiva	b) Medha Patkar d) Mahatma Gandhi
14.	GILO is a project associated with a) Environment protection c) Women education	b) Environment education d) None of these
15.	India has the largest share of which of tha) Manganese c) Copper	e following: b) Mica d) Silver
16.	Physical pollution of water is due to a) Dissolved oxygen c) Turbidity	b) pH d) None of these
17.	Which of the following is the source of fa) Vehicular exhaust c) Thermal power plant	ly ash? b) Sewage d) All of these
18.	The permissible range of pH for drinking a) 6 to 9 c) 6 to 8.5	g water as per the Indian standard is b) 6.5 to 8.5 d) 6.5 to 7.5

	19.	The sequence of eating and being eaten	in an ecosystem is called			
		a) Food chain	b) Carbon cycle			
		c) Food web	d) hydrological cycle			
	20.					
		a) Consumer	b) Producer			
		c) Macro consumer	d) None of these			
	21	Ecological pyramids are studies of				
	41.	a) Pyramid of Energy	b) Pyramid of numbers			
		c) Pyramid of biomass	d) all of these			
		c) I yrainid of biolilass	d) an of these			
	22.	E.I.A can be expanded as				
		a) Environment & Industrial act	b) Environment & Impact Activities			
		c) Environmental Impact Assessment	d) None of these			
	23.	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				
	24.	The permissible limit of Lead in domest	ic nortable water as per BIS is			
	, 2	a) 0.05 mg/L b) 0.005 mg/L	- 1AN 37			
		u) 0.00 mg/2 0) 0.000 mg/2				
	25.	Carbon cycle involves				
S. J. 12		a) Ammonia, nitrate and proteins	b) Carbon dioxide, water and energy			
		c) Sulphur dioxide, Sulphate & Proteins	d) Carbon, Nitrogen and Oxygen			
	26					
	26.		L) doctoration of (C)			
		a) conservation of forest	<ul><li>b) destruction of forest</li><li>d) decrease in agriculture</li></ul>			
		c) monocrop cultivation	d) decrease in agriculture			
	27.	Blue baby syndrome is caused by the contamination of water due to				
		a) Phosphates	b) Sulphur			
		c) Arsenic	d) Nitrates			
	28.					
		a) Blue babies	b) Fluorosis			
		c) Beriberi	d) Rickets			
	20	Fixation of nitrogen is done by				
	29.	a) Lightening	b) Fixing bacteria			
		c) Fertilizer factory	d) All of these			
		c) Teremizer factory	a) This is these			
	30.	Recycled waste water can be used for				
		a) crop irrigation	b) landscape gardening			
		c) Replenishing fast depleting aquifers	d) All of these			
		*	* * * *			
			-B3-			

Question Paper Version: C

# USN

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

## (COMMON TO ALL BRANCHES)

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[Max. Marks: 30

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1.	The leader of "Chipko Movement" is a) Sunderlal Bahuguna c) Vandana Shiva	b) Medha Patkar d) Mahatma Gandhi
2.	GILO is a project associated with a) Environment protection c) Women education	b) Environment education d) None of these
3.	India has the largest share of which of the a) Manganese c) Copper	he following: b) Mica d) Silver
4.	Physical pollution of water is due to a) Dissolved oxygen c) Turbidity	b) pH d) None of these

- 5. Which of the following is the source of fly ash?
  - a) Vehicular exhaust

b) Sewage

c) Thermal power plant

- d) All of these
- 6. 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

				1/CIV18/28
	7.	Noise pollution is controlled by a) Reducing the noise at the source c) Protecting the receiver	b) Preventing its transmid) All of these	ssion
	8.	LPG is a mixture of a) N <sub>2</sub> and H <sub>2</sub> S c) Propane and butane	b) CO <sub>2</sub> and N <sub>2</sub> d) Methane and CO <sub>2</sub>	
	9.	Direct conversion of solar energy is attain a) Solar photovoltaic cells c) Solar thermal system	ned by b) diesel hybrid system d) None of these.	
	10.	Nuclear wastes are active for a) 5 years b) 10 years	c) 50 years	d) centuries
	11.	Molasses from sugar industry is used to a Biodiesel b) Hydrogen	generate c) Bioethanol	d) Biomethanol
	12.	Demography is the study of a) Animals behaviour c) Rivers	<ul><li>b) Population growth</li><li>d) Forests</li></ul>	
	13.	The major objectives of family welfare p a) Employment generation c) Disease control	orogram is b) Population growth and d) None of these	d control
	14.	Which green house gas is known as laughing gas?  a) Methane c) Nitrous oxide	colorless, non flammab b) CO <sub>2</sub> d) SO <sub>2</sub>	ole, sweetish odour and
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20.	Deforestation means a) conservation of forest c) monocrop cultivation	b) destruction of forest d) decrease in agriculture
21.	Blue baby syndrome is caused by the a) Phosphates c) Arsenic	contamination of water due to b) Sulphur d) Nitrates
22.	Excess fluorides in drinking water ca a) Blue babies c) Beriberi	use b) Fluorosis d) Rickets
23.	Fixation of nitrogen is done by a) Lightening c) Fertilizer factory	<ul><li>b) Fixing bacteria</li><li>d) All of these</li></ul>
24.	Recycled waste water can be used for a) crop irrigation c) Replenishing fast depleting aquifer	b) landscape gardening
25.	The sequence of eating and being eate a) Food chain c) Food web	en in an ecosystem is called b) Carbon cycle d) hydrological cycle
26.	In aquatic ecosystem phytoplankton c a) Consumer c) Macro consumer	an be considered as a b) Producer d) None of these
27.	Ecological pyramids are studies of a) Pyramid of Energy c) Pyramid of biomass	b) Pyramid of numbers d) all of these
28.	E.I.A can be expanded as a) Environment & Industrial act c) Environmental Impact Assessment	b) Environment & Impact Activities d) None of these
29.	Water logging is a phenomena in which a) Water patterns are rotated b) Soil root zone becomes saturated duc.) Erosion of soil d) Soil degradation	
30.	The permissible limit of Lead in dome a) 0.05 mg/L b) 0.005 mg/L	estic portable water as per BIS is c) 0.5 mg/L d) 5 mg/L
		* * * * * * -C3-
	3)	

Question Paper Version: D

[Max. Marks: 30

# USN 1 A Y 1 4 B T 0 0 8

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