,					
USN					

First/Second Semester B.E Degree Examination, Dec.2018/Jan.2019 Environmental Studies

(COMMON TO ALL BRANCHES)

		-	4 7	
1	1ma.	')	hral	
- 1	ime:	4	1115.1	
		1		

[Max. Marks: 50

INSTRUCTIONS TO THE CANDIDATES

- 1. Answer all the fifty 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.	Which of the following	ng components of the e	nvironment are effective tra	nsporters of matter?
	a) Atmosphere and h		b) Atmosphere and Lit	
	c) Hydrosphere and I		d) Biosphere and Litho	
2.	In an ecosystem, the	flow of energy is		Y
	a) bidirectional	b) cyclic	c) unidirectional	d) multidirectional
				,
3.	Which pyramid is al	ways upright		
	a) energy	b) biomass	c) numbers	d) food chain
4.	The largest reservoir	of nitrogen in our plane	et is	
	a) oceans	b) atmosphere	c) biosphere	d) fossil fuels
	<i>*</i>		<u> </u>	
5.	In aquatic ecosystem	phytoplankton can be o	considered as a	
	a) consumer		b) producer	
	c) saprotrophic organ	nism /	d) macro consumer	
6.		nts of human beings are	provided by	
	a) industrialization	b) agriculture	c) nature	d) urbanization
	₩	A P		
7.	Abiotic component in			
	a) soil	b) temperature	c) water	d) all of these
0	(T) 1 1 1 1 1 2 2	¥		
8.	'Earth day' is held ev		nd.	21.
	a) June 5 th	b) November 23 rd	c) April 22 nd	d) January 26 th

			1001 10/20
9.	Major purpose of most of the dams around the wa) power generation c) flood control	vorld is b) drinking water supply d) irrigation	
10.	World environment day is on	th	as a sth
	a) 5 th May b) 5 th June	c) 18 th July	d) 16 th August
11.	Socio-economic security in environmental aspeca) Fairness and equity in distribution costs for cob) Welfare of the present generation c) Intra and inter generational equity of resourced) All of these	omplete existing generation	n
12.	 Which of the following statements are true? a) Man is not dependent on nature. b) Resources are unlimited, so one can use there. c) Energy can be converted from one form to environment. d) Matter can be generated afresh. It need not be 	o another, but some perc	entage is lost into the
13.	Which of the following is the most environment a) using chemical fertilizer c) organic farming	tal friendly agriculture pra b) using insecticides d) none of these	ctice?
14.	Which of the following is a key element of EIA a) scoping c) identifying and evaluating alternatives	? b) screening d) all of these	
15.	Effect of modern agriculture on soil is due to a) erosion b) acidification	c) salinization	d) all of these
16.	Soil erosion removes surface soil which contain a) organic matter b) plant nutritients	c) both 'a' and 'b'	d) none of these
17.	Farmers have a tendency to a) use optimum quantity of water c) to conserve water	b) to over irrigate their od) all of these	crops
18.	 Environmental impact assessment a) is a study of feasibility of a project b) is a study of bio-physical characteristics of action c) both 'a' and 'b' d) none of these 	f the environment that ma	y result from a human
19.	The depletion of trees is causing accumulation (a) NO ₂ b) SO ₂	of c) CO ₂	d) O ₂
20.	Permissible rang of pH for drinking water as pe		d) 6.50 to 8.50

21	Dyning aloge as well-			10C1V18/28
21.	During photosynthes a) oxygen	b) carbon dioxide	c) nitrogen	d) carbon monoxide
22.	Excess fluorides in d a) blue babies c) taste and odour	rinking water is likely to o	cause b) fluorosis d) intestinal irritation	
23.	Percentage of nitroge a) 98%	en in Earth's atmosphere b) 12%	c) 21%	d) 78%
24.	Which of the follows	na is not a new of the head	11.0	
24.	a) precipitation	ng is not a part of the hyd b) infiltration	c) transpiration	d) perspiration
25.	The required iron con	ntent in drinking water as	specified by RIS is	
	a) 300 mg/l	b) 30 mg/l	c) 3 mg/l	d) 0.30 mg/l
26.	The most prevalent f	orm of land degradation in	a India	
20.	a) landslide	b) soil subsidence	c) soil erosion	d) desertification
	a) lallabilab	o) son subsidence	c) son crosion	d) desertification
27.	Solar energy is a	>		
	a) renewable source		b) exhaustible	
	c) mutable	Y	d) source of tidal energ	V
				, ,
28.	Bhopal gas tragedy of	occurred due to release of		
	a) methane	b) methyl isocyanate	c) sulphur dioxide	d) carbon dioxide
• •				
29.			mum level of dissolved ox	ygen should be
	$a) < 4mg/\ell$	b) = 4 mg/l	c) 0.4 mg/l	d) none of these
		, 1	The state of the s	
30.	Out of the following		ch one caused minimum w	rater pollution?
	a) nitrogen	b) phosphorous	c) potassium	d) organimatter
21				
31.	The pH value of the			
	a) 5.7	b) 7.0	c) 8.5	d) 7.5
32.	The present of marie		14 41 11 1	
34.	a) transpiration	ment of nutrients from the		1) ' ("1)
	a) transpiration	b) evapotranspiration	c) leaching	d) infiltration
33.	Ozone layer thicknes	s is measured in		
55.	a) PPM	b) PPB	c) Decibels	d) Dobson units
	u) 111V1	<i>(0)</i> 11 B	c) Deciders	u) Dooson units
34.	The primary cause of	f the acid rain around the v	world is	
	a) CFC	b) SO ₂	c) CO	d) O ₃
	-	-,	v , v	4) 03
35.	Ozone layer is preser	nt in		
	a) troposphere	X Y	b) stratosphere	
	c) mesosphere	4	d) thermosphere	

36.	Acid rain has been increasing day by day due toa) urbanizationc) increase in vehicle population	b) industrialization d) none of these	
37.	Ozone hole was first discovered over a) Arctic b) Antarctica	c) tropical region	d) Africa
38.	Domesticated animals are used for a) dairy products b) production of fibre	c) production of meat	d) all of these
39.	Animal husbandry results in a) global warming b) acid rain	c) ozone depletion	d) none of these
40.	Environmental (protection) Act was enacted in a) 1986 b) 1992	the year c) 1984	d) 1974
41.	Environmental protection is the responsibility of a) Government of India c) Individual	b) NGO's d) All of these	
42.	The first International Earth Summit was held a a) Johannesburg b) Rio de Janeiro	c) Kyoto	d) Stockholm
43.	An important NGO involved in Global environ a) UNICEF b) Green peace	mental protection is c) WHO	d) CPCB
44.	India has the largest share of which of the follo a) manganese b) mica	wing? c) copper	d) diamond
45.	World Ozone day is being celebrated on a) September 5 th b) October 15 th	c) September 16 th	d) September 11 th
46.	CFCs have been used as a) solvent c) blowing agent for polymer	b) refrigerants d) all of these	
47.	Normal average thickness of stratospheric ozor a) 200 DU b) 300 DU	ne layer across the globe. c) 400 DU	d) 500 DU
48.	Freons are a) HFC b) CFC	c) NFC	d) Hydro carbons
49.	Ozone layer absorbs a) UV rays b) infrared rays	c) cosmic rays	d) CO
50.	Which of the following is not an ill effect of ac a) results in killing fish c) leaches nutrients from soil	b) causes stone leprosyd) causes cataract	
	* * *	T T	