15CIV18/28

USN

Question Paper Version: A

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

Environmental Studies

(COMMON TO ALL BRANCHES)

Time: 2 hrs.]

[Max. Marks: 40

INSTRUCTIONS TO THE CANDIDATES

- 1. Answer all the fourty 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. The word ecology is proposed by
 - a) Ernst Heckel
- b) Helena curtis
- c) Charles Southwick
- d) Charles Alton

- 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. Population explosion will cause
 - a) Bio diversity
 - c) More Employment

- b) Stress on ecosystem
- d) None of these
- 4. Which of the following statement is not true about animal husbandary?
 - a) it is a part of agricultural activity
 - b) It is breeding, feeding and management of animals
 - c) It is live stock production
 - d) It is protective of wild life.
- 5. Fossils fuels largely consists of
 - a) Hydrocarbons
 - b) Hydrogen sulphide
 - c) Hydrochloric acid
 - d) Carbon dioxide

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6.	The major contributors to the acid rain are kn a) Precursors b) Processors	nown as c) Protons	d) Pollutants
7.	Percentage methane content of biogas is a) 5.5 b) 85	c) 55	d) 0.55
8.	Water used for irrigation of food crops fodd a) Consumptive use c) Productive use	d) Auxiliary use	is known as
9.	Environment (protection) Act was enacted a) 1986 b) 1992	in the year c) 1984	d) 1974
10.	Pesticide causes a) eye irritation c) Respiratory ailments	b) skin irritation d) all of the above	
11.	Which of the following is not a renewable a) Fossil fue b) Solar energy	c) Tidal wave energy	gy d) Wind energy
12.	Percentage of fresh water available below a) 2.8% b) 2.2%	0) 0.070	d) 2.15%
13	The quantity of solar energy received by the a) 5% b) 15%	he earth is c) 99%	d) 45%
14	a) Smoking and Fog b) Snow and Fog	c) Smoke and Sno	d) All the above
15	a) 1000-2000 years ago c) 30,000 - 50,000 years ago	b) 1 million years a d) 10,000 – 20,000	go years ago
10	a) Rapid urbanization c) Afforestation	b) Deforestation d) a and b, as above	
1	7. What is maximum allowable concentration a) 1.0 mg/litre b) 1.25 mg/litre	on of fluorides in drinking of c) 1.50 mg/litre	d) 1.75 mg/litre
1	8. Which pyramid is always upright? a) Energy b) Biomass	c) Numbers	d) Food chain
1	9. The leader of chipko movement is a) Sunderlal Bahuguna c) Vandana Shiva	b) Medha Patkar d) Suresh Heblika	r
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20.	Bhopal Gas Tragedy was caused due to leakag	e of	7	
277	a) Methyl iso cyanate (MIC)	b) Sulphur dioxide		
	c) Mustard gas	d) Methane		
21.	Each chlorine free radical can destroy the follo		A.	
	a) 1000 b) 10,000	c) 1,00,000	d) 100	
22	In aquatic ecosystem phytoplankton can be con	neidarad as a	Co	
22.	a) Consumer	b) Producer		
	c) Saprotrophic organisms	d) Macro consumer		
	o) suprouropine organisms	a) Maoro consumo		
23.	The first international earth summit was held in			
	a) Johannesberg b) Kyoto	c) Stockholm	d) Riodejanerio	
24.	Ozone layer thickness is measured in	69 Y		
	a) PPM b) PPb	c) Decibels	d) Dobson unit	
25		A		
25.	The water (Prevention and control of pollution a) 1986 b) 1974	c) 1994		
	a) 1986 b) 1974	() 1994	d) 2004	
26.	Karnataka State Pollution Control Board (KSP	PCB) was established in th	e vear	
20.	a) 1947 b) 1982	c) 1986	d) 1976	
27.	Which state is having highest woman literacy		6	
	a) Karnataka b) Punjab	c) Rajasthan	d) Kerala	
•••	Gy	A. A	7	
28.	Noise is measured in	PDDM A	A) NITH	
	a) Decibles b) Jouls	c) PPM	d) NTU	
29.	Excess nitrates in drinking water is likely to cause			
27.	a) Fluorosis	b) Minamata		
	c) Blue baby syndrome	d) None of these		
		Gy y		
30.	The word Environment is derived from,			
	a) Greek b) French	c) Spanish	d) English	
	_ 63			
31.	Forests prevent soil erosion by binding soil pa	49.	D.D. 1	
	a) Stems b) Roots	c) Leaves	d) Buds	
32.	Study trends in human population growth and	prediction of future growt	h is called	
52.	a) Demography b) Biography	c) Kalography	d) Psychology	
	a) Biography	o) ranography	a) r b) chology	
33.	Large regional unit characterized by Flora and Fauna is			
	a) Biosphere b) Biome	c) Ecosystem	d) All of these	
34.	Environment means			
	a) Sum total of all condition	b) A beautiful land scape		
	c) Industrial Production	d) Air and water		



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35. Remote sensing is a a) Satellite system

b) Ground segments

c) Sensor system

d) All of these

36. Terrace forming is practiced in

a) Coastal areas

b) Hills

c) Deserts

d) Plains

37. Who is the author of the book "Silent Spring"?

a) Robin cook

b) Arthur Hailey

c) Rachel carson

d) Darwin

38. Geothermal energy is a

a) Heat energy

b) Current energy

c) Wind energy

d) Solar energy

39. Which of the following is not a "green house gas"?

a) Oxygen

b) Carbon dioxide

c) Chlorofluro carbon

d) Methane.

40. GIS can be expanded as

a) Geological information system

c) Geodynamic intimation system

b) Geographic information system

d) Geographic internet system