

**Second Year B.Tech. (Branch)**  
**END SEMESTER EXAMINATION, NOVEMBER 2018**  
**COURSE NAME (COURSE CODE)**

Day and Date: .....day, .../.../2018

Time: ----- to -----

PRN No. :

Max. Marks- 100

**Instructions:**

**IMP: Verify that you have received question paper with correct course, code, branch etc.**

- i) All questions are compulsory.
- ii) Figure to the right indicate full marks.
- iii) Assume suitable data wherever necessary.

		Marks	CO's	Blooms Level
<b>Q.1</b>	<b>Multiple Choice Questions</b>	<b>40</b>		
<b>1</b>	Hotspots are regions of high <ul style="list-style-type: none"> <li>a) Rareism</li> <li><b>b) Endemism</b></li> <li>c) Diversity</li> <li>d) Critically endangered population</li> </ul>			
<b>2</b>	Biomedical wastes are treated by using <ul style="list-style-type: none"> <li><b>a) Incinerators</b></li> <li>b) Water treatment</li> <li>c) Cyclones</li> <li>d) Land fills</li> </ul>			
<b>3</b>	Pesticides are considered as pollutants because of their <ul style="list-style-type: none"> <li>a) Toxicity</li> <li>b) Biomagnification</li> <li>c) Effects on non-target organisms</li> <li><b>d) All of the above</b></li> </ul>			
<b>4</b>	'World Environmental Day' is celebrated every year on: <ul style="list-style-type: none"> <li>a) 5th May</li> <li><b>b) 5th June</b></li> <li>c) 5th July</li> <li>d) 18th July</li> </ul>			
<b>5</b>	Noise pollution means <ul style="list-style-type: none"> <li>a) Loud sound</li> <li><b>b) Unwanted sound</b></li> <li>c) High frequency sound</li> <li>d) Environmental pollution</li> </ul>			
<b>6</b>	An animal that feeds upon another animal is <ul style="list-style-type: none"> <li>a) producer</li> <li>b) consumer</li> <li>c) decomposer</li> <li><b>d) predator</b></li> </ul>			
<b>7</b>	Percentage of nitrogen in earth's atmosphere is			

	a) 12% b) 21% c) 78% d) 98%			
8	Earth's body temperature is approximately equal to a) 16.4°C b) 26.4°C c) 36.4°C d) 46.4°C			
9	The animals depend on plants are called a) Carnivorous b) Decomposers c) Herbivorous d) None of the above			
10	Energy obtained from the Earth's hot interior is called the a) Geo-Thermal energy b) Thermal energy c) Biomass energy d) None of these			
11	Which of the following is a major Environmental issue in Mining activities? a) Water pollution b) Soil Degradation c) Air pollution and Dust d) All the above			
12	The final stable community in ecological succession is a) Climax b) Pioneer c) decomposers d) Carnivores			
13	Bhopal gas tragedy occurred due to the leakage of a) Mustard gas b) Methane gas c) Sulphur dioxide d) Methyl Isocyanate			
14	Physical pollution of water is due to a) P <sub>H</sub> b) Chlorides c) Turbidity d) All of these			
15	Loss of water content through the plants into the atmosphere is called a) Evaporation b) Vaporization c) Hydraulic cycle d) Transpiration			
16	In which sphere human lives? a) Stratosphere b) Toposphere			

	c) Mesosphere d) Thermosphere			
17	Smog is combination of a) Smoke and snow b) Snow and fog c) Smoke and fog d) All the above			
18	The ozone depletion in the stratosphere is chiefly caused by the release of a) Chlorofuoro Carbon b) Carbon dioxide c) Methane d) None of these			
19	Eutrophication means a) Water purification b) Neutralization of waste water c) Waste water Treatment process d) Enrichment of plant nutrients in water bodies			
20	Conservation of biodiversity in their natural habitats is called a) Ex-situ conservation b) In-situ conservation c) Protected conservation d) Stabilized conservation			
<b>Q.2</b>	<b>Attempt any one.</b>	<b>10</b>		
	Give sources, effects and control measures for Water pollution <b>OR</b> Give salient features of Air (Prevention and control of pollution) act.		CO2	L3
<b>Q.3</b>	<b>Attempt any one.</b>	<b>10</b>		
	Elaborate “Dams: its benefits and associated problems”. <b>OR</b> Write the structure and function of Grassland Ecosystems.		CO1	L3
<b>Q.4</b>	<b>Attempt any one.</b>	<b>10</b>		
	What are ways for conservation of Biodiversity? <b>OR</b> Write scope and importance of environmental studies.		CO1	L3
<b>Q.5</b>	<b>Write short note on any five:</b>	<b>30</b>		
i)	Population growth and human health		CO3	L3
ii)	Urban Problems related to energy		CO3	L3
iii)	Global warming		CO3	L3
iv)	Ozone layer depletion		CO2	L3
v)	Disaster management for floods		CO3	L3
vi)	Values of biodiversity		CO1	L3

<b>vii)</b>	<b>Food Chain and Food web with Example</b>		<b>CO1</b>	<b>L3</b>
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