

USN

Question Paper Version : A

**First/Second Semester B.E Degree Examination, June/July 2013****Environmental Studies****(COMMON TO ALL BRANCHES)**

Time: 2 hrs.]

[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.

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1. The word environment is derived from.
 

a) Greek	b) French	c) Spanish	d) English
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  2. DDT (dichloro diphenyl Trichloro Ethane) was discovered by
 

a) Paul Mueller	b) Ernt Hoeckel	c) Charles Alton	d) Charnokite
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  3. A Pesticide/insecticide which has reported to cause physical deformities and disease in infants in Karnataka and Kerala states recently is \_\_\_\_\_
 

a) Endosulfan	b) DDT	c) Amitraz	d) None of these
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  4. The Bhopal tragedy occurred at union carbide on December 2<sup>nd</sup> 1984 due to leakage of
 

a) Methyl isocyanate	b) Iodine – 131	c) Cesium – 137	d) None of these
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  5. Environmental protection is the responsibility of \_\_\_\_\_
 

a) Government of India	b) NGO's	c) Individual	d) None of these
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  6. The human activity, among the following, which causes maximum environmental pollution having regional and global impact is \_\_\_\_\_
 

a) Agriculture	b) Urbanisation	c) Industrialisation	d) Mining
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  7. The world total quantum of water is \_\_\_\_\_
 

a) 1.4 billion cubic kilometer	b) 2.6 billion cubic kilometer
c) 0.4 billion cubic kilometer	d) None of these
  8. The major objectives of family welfare programmes in India is \_\_\_\_\_
 

a) Disease control	b) Population growth rate control
c) Employment generation	d) None of these
  9. Electromagnetic radiation energy is an energy in the form of \_\_\_\_\_
 

a) Light	b) Wave	c) Heat	d) All of these
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10. Economic security is measured on the basis of \_\_\_\_\_  
 a) Income  
 b) Work, Job and Skills  
 c) Labour market and employment  
 d) All of these
11. Dental caries in children may be caused due to water supplies deficient in \_\_\_\_\_  
 a) Calcium  
 b) Flouride  
 c) Iron  
 d) None of these
12. In Foodchain humans are \_\_\_\_\_  
 a) Primary consumers  
 b) Secondary consumers  
 c) Primary and secondary consumers  
 d) Producers
13. The country which has the largest number of child labours in the world is  
 a) India  
 b) Bangladesh  
 c) China  
 d) Pakistan
14. The perfect equilibrium existing in the biosphere between the various organisms is known as \_\_\_\_\_  
 a) Environment balance  
 b) Ecological balance  
 c) Ecological cycle  
 d) None of these
15. The solid wastes materials from offices, residence areas are called \_\_\_\_\_  
 a) Garbage  
 b) Rubbish  
 c) Waste  
 d) None of these
16. BOD is a measure of \_\_\_\_\_  
 a) Non biodegradable organic matter  
 b) Biodegradable organic matter  
 c) Both a and b  
 d) None of these
17. World's AIDS day is celebrated on  
 a) 1<sup>st</sup> December  
 b) 2<sup>nd</sup> October  
 c) 15<sup>th</sup> November  
 d) 11<sup>th</sup> December
18. EIA is related to  
 a) Resource conservation  
 b) Efficient equipment  
 c) Waste minimization  
 d) All of these
19. Water contaminated with cadmium can cause disease like  
 a) Itai Itai  
 b) Minamata  
 c) Ouch ouch  
 d) Both a and c
20. UN general assembly proclaimed the universal declaration of human rights in Paris on  
 a) 16<sup>th</sup> May 1994  
 b) 10<sup>th</sup> December 1948  
 c) 15<sup>th</sup> November 1980  
 d) 11<sup>th</sup> December 1949
21. The Nuclear reactor (unit-3) in Japan that exploded on 12<sup>th</sup> March released \_\_\_\_\_  
 a) Oxygen  
 b) Hydrogen  
 c) Methane  
 d) Argon
22. Water borne disease can spread rapidly due to  
 a) Proper sanitation  
 b) Improper sanitation  
 c) Improve sanitation  
 d) None of these
23. Wet deposition is a measure of \_\_\_\_\_  
 a) Acid Rain  
 b) Automobile combustion source  
 c) PAN  
 d) Suspended particulate matter

24. Water logging is a phenomena of \_\_\_\_\_  
 a) Excessive irrigation of crop lands for growth of crops    b) Decrease in soil strength  
 c) Soil roots become saturated due to over irrigation    d) All of these
25. Environmental (protection) act was enacted in the year  
 a) 1986    b) 1974    c) 1992    d) 1984
26. A serious health hazard disease known as 'Blue Baby Syndrome' is caused when the titrate level in the ground water exceeds \_\_\_\_\_  
 a) 25 mg/l    b) 2.5 mg/l    c) 250 mg/l    d) None of these
27. What is the maximum allowable concentration of fluorides in drinking water?  
 a) 1.0 mg/l    b) 1.25 mg/l    c) 1.50 mg/l    d) 1.75 mg/l
28. Eutrophication is a \_\_\_\_\_  
 a) An improved quality of water  
 b) A process in carbon cycle  
 c) The result accumulation of plant nutrients in water bodies  
 d) Water purification techniques
29. Typhoid, cholera are examples of \_\_\_\_\_  
 a) Vival infection    b) Bacterial infection    c) Protozoan infection    d) None of these
30. World's environment day is held on \_\_\_\_\_  
 a) June 5<sup>th</sup>    b) November 23<sup>rd</sup>    c) April 22<sup>nd</sup>    d) January 26<sup>th</sup>
31. Earth day is held on every year \_\_\_\_\_  
 a) June 5<sup>th</sup>    b) November 23<sup>rd</sup>    c) April 22<sup>nd</sup>    d) January 26<sup>th</sup>
32. The word ecology is proposed by \_\_\_\_\_  
 a) Ernt Hoekel    b) Helena curtis    c) Charles sourth wick    d) Charles Alton
33. The liquid wastes from baths and kitchens are called \_\_\_\_\_  
 a) Sullage    b) Domestic sewage    c) Storm water    d) Run off
34. The effect of acid rain \_\_\_\_\_  
 a) Reduces soil fertility    b) Increases atmospheric temperature  
 c) Causing respiratory problems    d) Skin cancer
35. Which state is having women literacy in India?  
 a) Karnataka    b) Punjab    c) Rajasthan    d) Kerala
36. World ozone day is celebrated on \_\_\_\_\_  
 a) September 5<sup>th</sup>    b) October 15<sup>th</sup>    c) September 16<sup>th</sup>    d) September 11<sup>th</sup>
37. Definition of noise is \_\_\_\_\_  
 a) Loud sound    b) unwanted sound  
 c) constant sound    d) sound of high frequency

38. Which of the following is not a renewable source of energy?  
 a) Fossil fuels                      b) Solar energy                      c) Tidal wave energy                      d) Wind energy
39. Which of the following is not a green house gas?  
 a) Oxygen                      b) Carbon-di-oxide                      c) Chlorofluro carbon                      d) Methane
40. Objective of environmental studies is to  
 a) Raise consciousness about environmental conditions.  
 b) Create environmental ethics the faster awareness about the ecological inter dependence of economic, social and political factors in a human community and the environment.  
 c) Teach environmentally appropriate behaviour.  
 d) All of these
41. EIA is abbreviated form for  
 a) Energy impact assessment                      b) Ecological impact assessment  
 c) Environmental impact assessment                      d) Emission impact assessment.
42. The central pollution control board was established under the provision of  
 a) Environment (protection) Act 1986  
 b) Air (prevention and control) Act 1981  
 c) Water (prevention and control of pollution) Act 1974  
 d) None of these
43. Which of the following statement is not true about animal husbandry?  
 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.
44. The distance upto which exclusive economic zone of a country extends beyond its baseline is  
 a) 12 nautical miles                      b) 24 nautical miles  
 c) 200 nautical miles                      d) 100 nautical miles
45. The fossil fuel which cause maximum environmental pollution due to its use in generation of thermal power is  
 a) Coal                      b) Oil                      c) Natural gas                      d) None of these
46. Extensive planting of trees to increase cover is called  
 a) Afforestation                      b) Agro-forestition                      c) Deforestation                      d) Social forestry
47. Most stable eco system is  
 a) Forest                      b) Desert                      c) Ocean                      d) Mountains
48. What is the pH range of drinking water?  
 a) 6 to 9                      b) 6.5 to 8.5                      c) 6 to 8.5                      d) 6.5 to 7.5
49. A food web consists of  
 a) A portion of a food chain                      b) An organism position in food chain  
 c) Interlocking of food chain                      d) A set of similar consumer
50. Which of the following is terrestrial ecosystem?  
 a) Forest                      b) Grass land                      c) Desert                      d) All of these