

**Model Question Paper**  
**Zoology-Environmental Science-Part II**

12th Standard

**Biology**

Reg.No. : 

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I. Answer all the questions

II. Use blue pen only.

Time : 01:00:00 Hrs

Total Marks : 85

5 x 1 = 5

**Part-A**

- 1) What is the rate of growth of human population?  
(a) 10 billion per year (b) 90 billion per year (c) 1 billion per year (d) 80 billion per year
- 2) The present sudden acceleration of population is called as .....  
(a) population explosion (b) population bomb (c) population trap (d) all the above
- 3) Global warming is caused due to .....  
(a) lack of rainfall (b) presence of a hole in ozone layer (c) human activities against nature (d) extinction of animals and plants
- 4) The most abundant green house gas is .....  
(a)  $NO_2$  (b)  $CO_2$  (c)  $O_3$  (d)  $SO_2$
- 5) Which of the following gas destroys ozone layer faster?  
(a) chlorofluorocarbons (b) hydrochlorofluorocarbons (c) both (a) and (b) (d) sulphur dioxide

**Part-B**

- 6) What is bio-diversity?
- 7) Write the characteristics of a bioserve. (or) Write any two characteristics of biosphere.
- 8) List out the names of bioserves of India.
- 9) What is known as geothermal energy?
- 10) What are the advantages of solar energy?

5 x 3 = 15

**Part-C**

- 11) Write an account of fresh water resources.
- 12) Write an essay on greenhouse gases and classify the sources of the gases.
- 13) Give five points of the effects of global warming.
- 14) Discuss any two methods of management of Hazardous wastes.
- 15) How can poverty in human society be eradicated?

5 x 5 = 25

**Part-D**

- 16) "Conservation of freshwater"-Discuss.
- 17) "Global Warming is the direct result of Green house effect". Discuss the statement. What related problems do we foresee?
- 18) Discuss 'Ozone' a sun-block.
- 19) a) What are the reasons for fresh water shortages?  
b) Explain Rain water harvesting.

4 x 10 = 40

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