

**BA SOCIOLOGY**  
**SPECIAL EXAMINATION**  
**Second Semester**  
**ENVIRONMENTAL STUDIES**  
**(BSO - 201)**

**Duration: 3Hrs.**

**Full Marks: 70**

Part-A (Objective) =20  
Part-B (Descriptive) =50

**(PART-B: Descriptive)**

**Duration: 2 hrs. 40 mins.**

**Marks: 50**

**Answer any four from Question no. 2 to 8**  
**Question no. 1 is compulsory.**

1. Give the definition of environmental studies. What its importance in present day context? (2+8=10)
2. What do you mean by Natural Resources? Describe renewable and non renewable resources. (2+8=10)
3. Explain the availability of Energy resources in our planet. What is your understanding about alternate energy sources? (2+8=10)
4. Describe food chains and food webs. Explain the ecological pyramid. (5+5=10)
5. Define Biodiversity. Write a short note on endangered and endemic species of India. (2+8=10)
6. Explain pollution in present day context. Briefly write a note on solid waste management. (5+5=10)
7. Briefly explain Environment Protection Act. What is your understanding about the importance of sustainable development? (5+5=10)
8. What do you mean by population growth? Briefly explain the status of population growth in developing nations. (5+5=10)

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**Duration: 20 minutes**

**Marks – 20**

**(PART A - Objective Type)**

**I. Choose the correct answer:**

**1×20=20**

1. Air is composed by gases, water vapours and
  - a. Dust particles
  - b. Rainfall
  - c. Snowfall
  - d. Light
2. Chief source of energy in environment is:
  - a. Fire
  - b. Moon
  - c. Sun
  - d. Stars
3. 71% of earth is covered with:
  - a. Land
  - b. Air
  - c. Water
  - d. Coal
4. Plants are green because of the presence of a pigment called:
  - a. Glucose
  - b. Nitrogen
  - c. Chlorophyll
  - d. Oxygen
5. Abiotic environment does not include:
  - a. Air
  - b. Water
  - c. Soil
  - d. Plants
6. Group of organisms which convert light into food are called:
  - a. Autotrophs
  - b. Heterotrophs
  - c. Decomposers
  - d. Omnivores
7. Air pollution is caused by:
  - a. Insecticides
  - b. Sewage
  - c. Smoke
  - d. Loudspeakers
8. Biotic environment includes:
  - a. Producers
  - b. Consumers
  - c. Decomposers
  - d. All the above
9. Which of the following is not an air pollutant?
  - a. Smoke
  - b. Carbon dioxide
  - c. Nitrogen gas
  - d. Sulphur dioxide



10. Maximum amount of gas found in air is:  
a. Oxygen                      b. Hydrogen  
c. Carbon dioxide          d. Nitrogen
11. Which state of India is known as 'Tiger State'?  
a. Gujarat                      b. West Bengal  
c. Madhya Pradesh          d. Assam
12. Which part of plant evaporates water?  
a. Stomata                      b. Fruit  
c. Branch                      d. Root
13. Wildlife week is celebrated on:  
a. 1<sup>st</sup> October to 7<sup>th</sup> October          b. 15<sup>th</sup> October to 21<sup>st</sup> October  
c. 1<sup>st</sup> June to 7<sup>th</sup> June                  d. 15<sup>th</sup> June to 21<sup>st</sup> June
14. Which of the following has maximum speed?  
a. Air                              b. Water Current  
c. Sound                          d. Light
15. Ozone layer is found in:  
a. Thermosphere              b. Stratosphere  
c. Troposphere                d. Mesosphere
16. Renewable source of energy is:  
a. Coal                            b. Petroleum  
c. Plants                         d. Uranium
17. Which of the following plays an important role in the cause of rainfall?  
a. Evaporation                      b. Condensation  
c. Both evaporation and condensation          d. Filtration
18. Our Sun is:  
a. Planet                         b. Satellite  
c. Comet                         d. Star
19. Which one is non luminous?  
a. Moon                          b. Sun  
c. Star                            d. Comet
20. Non-green plants like mushroom can't make their own food because:  
a. They are too small.  
b. They lack chlorophyll.  
c. They lack photo-tropism.  
d. They lack roots to suck water

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