**Prithwi Secondary Boarding School**

**FINAL TERMINAL EXAMINATION**

**2077 BS**

**Class: IX Subject: HPE F.M.-75**

**Time: 2:15 hrs P.M. -**

*Candidates are required to answer in their words as far as practicable.*

1. **Very short answer questions: 1x8=8**
2. What is demo?
3. What is the initial FAO stands for?
4. What is population pyramid?
5. Which age group of population fall in active population group?
6. What is the population density of Nepal according to census 2068 BS?
7. What is the altitudinal range of mountain ecosystem?
8. What percentage of people in Nepal use firewood as energy source?
9. Define the term food chain.
10. **Give short answer questions. 9x4=36**
11. What is a primary data source? Make any three difference between census and vital registration.
12. The total population of Nepal in census 2011 AD is 2,64,94,504 and the population growth rate is 1.35% per annum. Calculate the population doubling time.
13. List any four importance of urbanization in Nepal.
14. Make a difference between absolute and relative conservation.
15. Nepal is known for the richness in biodiversity. What are the reasons for the high biodiversity level in Nepal?
16. Gifting plants on various occasions like birthdays, anniversary etc. brings the positive attitude towards nature conservation and increases sense of natural appreciation for the environment. Do you agree or disagree with this saying, explain with logical reasoning?
17. List any four legal provisions that are included in Consumer Protection Act of Nepal.
18. List any four importance of consumer health education.
19. Explain any four human health effects due to air pollution.
20. **Give long answer questions. 7x4=28**
21. What are natural resources? Explain in detail the importance of natural resources.
22. What are macronutrients? List any three essential major macronutrients with their food sources and important body functions.
23. Define the term adolescence. List the different changes during this period.
24. Define the term forest. How does the forest help in climate regulation? List any four methods of forest conservation.

**Prithwi Secondary Boarding School**

**FINAL TERMINAL EXAMINATION**

**2077 BS**

**Class: IX Subject: Environmental Science F.M.-75**

**Time:** **2:15 hrs P.M. -30**

*Candidates are required to answer in their words as far as practicable.*

1. **Very short answer questions: 1x8=8**
2. Define the term lithosphere.
3. What is a pollutant?
4. What is the name given to lake with low nutrient value?
5. Which greenhouse gas is released from livestock farming?
6. What is the altitude of mesosphere?
7. What do you understand by wetland?
8. Define the term ecology.
9. Write down any two examples of decomposers.
10. **Short answer questions**: **9x4=36**
11. Write down the importance of water for living being.
12. List any four importance of atmosphere.
13. What is ozone? How ozone is formed in stratosphere?
14. List any four effects of ozone layer.
15. How does deforestation cause global warming?
16. Suggest any five mitigation measures to control climate change.
17. Write down any four importance of fresh water ecosystem.
18. Write down any four importance of environmental science education.
19. Make a difference between natural and artificial ecosystem.
20. **Give long answer questions**. **7x4=28**
21. What is greenhouse gas? Write down the name of any four natural greenhouse gases and their sources and role in global warming.
22. Define the term air pollution. Explain in detail any five major causes of air pollution.
23. What is ozone layer? Explain any four causes of ozone layer depletion.
24. What is an environment? Describe in detail the four factors/components of physical environment.