**Studying Ecology** (p. 100 – 103)

**I. Levels Of Ecological Organization**

 **1. Define the term ecology.**

 Ecology –

 **2. Identify the five levels of biosphere organization & give examples of each level.**

 Example : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 Example : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 Example : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 Example : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 Example : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **3. What is the basic unit of life studied in Ecology?**

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 **4. Match the following terms with the correct definitions.**

 1. \_\_\_\_\_ Biosphere A. Species members that live in the same area at same time

 2. \_\_\_\_\_ Community B. All organisms in an area with the physical environment

 3. \_\_\_\_\_ Ecosystem C. Group of individuals that interbreed & produce offspring

 4. \_\_\_\_\_ Population D. All parts of Earth that host life

 5. \_\_\_\_\_ Species E. Groups of populations interacting in the same place

**II. Biotic & Abiotic Factors**

 **1. Define the term biotic factors.**

 Biotic Factors –

 **2. List four examples of biotic factors in an ecosystem.**

 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **3. Define the term abiotic factors.**

 Abiotic Factors –

 **4. List four examples of abiotic factors in an ecosystem.**

 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**III. Habitat**

 **1. Define the terms habitat and resource.**

 Habitat –

 Resource –

 **2. List an animal & describe the habitat of the animal.**

 Animal : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Habitat : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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