**CHAPTER 2: PRINCIPLES OF ECOLOGY NOTECARD LIST**

**SECTION1**

1. Ecology
2. Ecologist
3. Science model
4. Biosphere
5. Biotic factors
6. Abiotic factors
7. Organism
8. Population
9. Biological community
10. Ecosystem
11. Biome
12. Habitat
13. Niche
14. Competition
15. Predation (i.e.)
16. Predator
17. Prey
18. Symbiosis (i.e.)
19. Mutualism (i.e.)
20. Commensalism (i.e.)
21. Parasitism (i.e.)

**SECTION 2**

1. Autotroph
2. Heterotroph
3. Herbivore
4. Carnivores
5. Omnivores
6. Detritivores
7. Decomposers
8. Trophic level
9. Food chain
10. Food web
11. Ecological pyramid
12. Pyramid of energy
13. Pyramid of biomass
14. Pyramid of numbers
15. Biomass

**SECTION 3**

1. Law of conservation of mass
2. Matter
3. Nutrient
4. Biogeochemical cycle
5. Water cycle
6. Carbon – oxygen cycles
7. Nitrogen cycle
8. Nitrogen
9. Nitrogen fixation
10. Denitrification
11. Phosphorus cycle

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