

Name: _____	Subject: Biology	Class: 10 <sup>th</sup>	Time: 80 minutes	Total Marks:	<b>40</b>
Chapter No.	MJDexpert.com			Obtained marks	

**Note:** Please attempt any 10 short questions from Question 2. Also, attempt both parts (a and b) of Question 3. Cutting and removal of any content is strictly prohibited.

### Objective-Section

**Q. 1 Encircle the correct answer. (10x1=10)**

- The study of the relationship between organisms and their environment:  
A) Micology B) Phsylogy C) Ecology D) Marphalogy
- The largest unit of Ecology is:  
A) Community B) Biosphere C) Habitata D) Population
- All herbivore animals are:  
A) Grass eaters B) Parasites C) Predators D) Prey
- The only source of energy for all ecosystems of the world is:  
A) Fire B) Sun C) Electricity D) Neutrients
- At the end of a long food chain, the energy will be:  
A) more B) as same as at start C) less D) zero
- In 1927 an English ecologist developed the concept of Ecological pyramids:  
A) Charles Elton B) Mendel C) Darwin D) Lamark
- The Nitrate forming bacteria are called:  
A) Rhizobium B) Nitrosomonas C) Nitrobacteria D) Cocci
- Interaction between the members of the same species is called:  
A) Interspecific B) Intraspecific C) Mutualism D) None
- An example of a carnivore plant is:  
A) Rose plant B) Pitcher plant C) Mosses D) Ferns
- Recycling one tonne of paper can save \_\_\_\_\_ trees:  
A) 16 B) 17 C) 18 D) 19

### Subjective-Section

**Q.2 Write short answers of any ten of the following questions: (10x2=20)**

- What is the difference between population and community?
- What are the different levels of Ecological organization?
- If producers are eliminated from the ecosystem, what will happen?
- Write the role of the food chain in making a food web.
- Write a short note on ecological pyramids.
- What is meant by fossil fuels? Give two examples.
- What is the Nitrogen Cycle? Write down the names of its stages.
- What are epiphytes?
- What is the threat to the Maldives due to oceans?
- How are acid rains produced?
- Differentiate between Deforestation and Afforestation.
- Write the names of major pollutants of water pollution.

**Q.No.3 Long Question:**

**(5+5=10)**

- Discuss the biotic components of the Ecosystem.
- Write a note on land pollution.