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**Short Questions:**

1. What is biodiversity?

Ans. Biodiversity is the diversity of all organisms, including plants, animals and microorganisms.

2. According to scientists, how many species of organisms exist in the world?

Ans. According to scientists, there are about 8–14 million different species of organisms on earth.

3. What is adaptation?

Ans. Adaptation is the strategies and methods organisms adopt to adapt to the environment, survive and reproduce.

4. What is evolution?

Ans. Evolution is the process of change in organisms over a long period of time.

5, What is the ecosystem?

Ans

6. What is the Sindhu-gangetic plain?

Ans. The Sindhu-gangetic plain is a large fertile plain region that covers a part of Pakistan, most of northern and eastern India and almost all of Bangladesh.

7. What is the main role behind the extinction of species?

Aans. Pollution, climate change and population growth are major contributors to extinction of species.

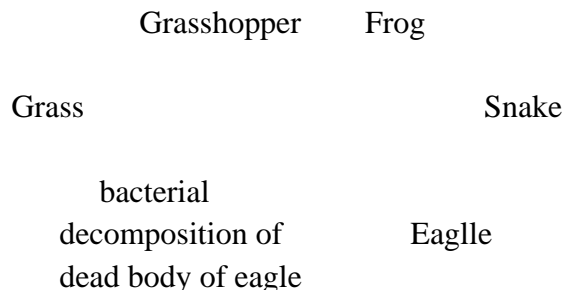
**Broad answered questions:**

1. Why is biodiversity more in the region near the equator line?

Ans. Climate is the main reason for biodiversity more in the region near the equator line. The climate here is quite stable compared to other parts of the world. The warm and humid climate of the region near the equator is favorable for the growth of many animals and plants. Besides, due to sufficient sunlight, high reproductive rate etc. biodiversity is higher in the regions near the equator.

2. Observing the various creatures around you, illustrate a mutual relationship between these organisms.

Aaans. The organisms around me depend on each other for nutrition.



**One word answered questions:**

1. How many species of organisms have been identified?

Aans. 1.2 million or 12 lacs.

2. Through what organisms keep their species alive in the environment?

Ans. Through reproduction.

3, How many major biomass are there on earth?

ans. 5.

4. Which plain land is Bangladesh part of?

Ans: Bangladesh is part of the Sindhu-gangetic plain.

5. How many species of flowering plants are found in the forests of Bangladesh?

ans. More than 5000.

6. How many species of plants are there in the forests of Chittagong?

ans. About 2260 species.

7. How many species of mammals are there in Bangladesh?

Ans. 132 species.

8. How many species of birds are there in Bangladesh?

Ans. 578 species.

9. How many species of reptiles are there in Bangladesh?

Aans. 154 species.

10. How many species of amphibians are there in Bangladesh?

Aans. 19 species.

11. How many species of wildlife in Bangladesh are threatened?

Ans. according to IUCN, 23 species.

12. In our country, which soil is good for the yield of rice cultivation?

Aans. Clay and clay loam soils.

**Fill in the blanks:**

1. Bangladesh is part of the Sindhu-gangetic plain.

2. At least 40000 plant species live in the Amazon rainforest.

3. The tropical regions have the greatest biodiversity.

4. Adaptation is the strategy and method by which an organism adapts to its environment.

**Group Work:** Many species in your area are at risk of extinction for various reasons. Identify five reasons for their risk and present their remedies in a table.