

Name: _____	Subject: Biology	Class: 12 <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 of Question 3. Cutting and removal of any content is strictly prohibited.

**Q#1 Encircle the Correct Option (10 x 1 = 10)**

**1. What is the desert in western Punjab called?**

- A) Thar B) Thal C) Cholistan D) Katpana

**2. The average annual rainfall in a desert ecosystem is:**

- A) 20 inches B) 30-40 inches C) 30 inches D) None

**3. In Sindh, the desert ecosystem is known as:**

- A) Sahara B) Cholistan C) Thar D) Thal

**4. Which one of the following is not a desert?**

- A) Thal B) Sahara C) Taiga D) None of these

**5. Temperate deciduous forests in Pakistan are located in:**

- A) Shogran B) Chilas C) Mianwali D) Sindh

**6. Grassland ecosystems in Pakistan are found in:**

- A) Gilgit and Kashmir B) Waziristan and Lower Chitral C) Both A and B D) None of these

**7. Tundra ecosystems in Pakistan are found in:**

- A) North Kallat B) Karakoram and Hindu Kush C) Waziristan D) Rahim Yar Khan

**8. Which biome has expanded due to human activities?**

- A) Savanna B) Grassland C) Desert D) Coniferous Forest

**9. Northern coniferous forests are also known as:**

- A) Taiga B) Alpine Forest C) Changa Manga D) Tropical Thorn Forest

**10. In Neelum Valley, which type of forest is found?**

- A) Temperate Deciduous Forest B) Changa Manga Forest C) Swamp Forest D) Littoral Forest

**Q #2 Short Questions (2 x 10 = 20)**

- Name three zones of a lake ecosystem.
- What is the littoral zone in freshwater lakes?
- Differentiate between the Thal and Thar deserts.
- Describe a grassland ecosystem.
- Mention the major ecosystems found on land in Pakistan.
- How is the terrestrial ecosystem classified into different types?
- What is the profundal zone?
- Describe the limnetic zone in freshwater lakes.
- What are plankton?
- Write briefly about temperate deciduous forests.

**Q #3 Long Questions (2 x 5 = 10)**

- What are freshwater lakes? Describe their different zones in detail.
- Explain the characteristics of coniferous, alpine, and boreal forests.