

Biology - FSC Part 1 Biology English Medium Chapter 1 Preparation

Q1. What is radiotherapy and chemotherpy?

- **Ans 1:** Radiotherapy: Use of radiations for the treatment of disease (like cancer), In radiotherapythe cancerous part in exposed to short wave radiations from the radioactive source repeatdly at regular interval.
- Ans 2: Chemotherapy Consists of administrating certain anti-cancer chemicals to the patient at regular interval.
- Q2. Differentiate between population and community.
 - **Ans 1:** Population: A population is a group of organisms of the same species located at the same place. Example: the number of rats in rice field ,the numbers of students in biology class or human population in city.
 - Ans 2: Community:Populations of different species living together at the same place from a community e.g forest ,pond.
- Q3. Define bio technology.
 - **Ans 1:** It deals with the use of living organisimsm, system living in fresh water bodies (rivers, lakes, ponds) and physical and chemical parameters of these water bodies.
- Q4. Deffierentiate between fresh water biology and marine biology.
 - **Ans 1:** Fresh water biology: This branch of biology which deals with organisms living in fresh water bodies (rivers,lakes ponds) and physical and chemical parameters of these water bodies.
 - **Ans 2:** Marine Biology: This branch of biology which deals with the organisms living in oceans or sea water and physical and chemical parameters of marine water.
- Q5. What are bioelements names, name bioelements occur in trace in human?
 - Ans 1: Elements which are found in the living things are called bioelements. Trace elements are zinc ,copper,iodine.
- Q6. Define bioelements. Give two elements.
 - **Ans 1:** The elements which take part in formation of body mass of living organisms are called bio elements. Examples: Oxygen,Calcium,Iron etc.
- Q7. Why organ system is more complex in animals as compared to planets?

Ans 1: Complexity of organ system of animals is associated with range of functions and activities, Therefore organ complex in animals as compared to planets.	r system is more
Q8. What us embryology?	
Ans 1: The branch of biology which deals with the study of development of embryo is known as embryology.	
Q9. What are endangered species?	
Ans 1: The species which are not near to extinction are called endangered species.	
Q10.	
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Ans 1:	
this is new 2	
Ans 2:	
this is new 3	