

B.Sc. Sem.-1 Examination

DSC-C-111

Env Science

January-2024

Time : 2-00 Hours]

[Max. Marks : 50

Q1. Give the classification of Whittaker's Five kingdom in detail. (10)

OR

Q1. (A) Write a detail note on broad classification and importance of fungi. (05)

Q.1 (B) Explain the Law of natural selection. (05)

Q2. Explain in detail cell division by mitosis and meiosis with diagram. (10)

OR

Q2. (A) Write a note on energy and carbon source for life (05)

Q2. (B) Write a note on electron transport chain for respiration. (05)

Q3. Detail outline of kingdom Plantae with diagram. (10)

OR

Q3. (A) Write a note on asexual reproduction of plants. (05)

Q3. (B) Explain in detail with diagram organ system of plants. (05)

Q4. A detailed note on kingdom Animalia with diagram. (10)

OR

Q4. (A) Write a note on energy requirements of animals. (05)

Q4. (B) Explain the evolution in animals. (05)

Q5. Attempt any **Ten** out of twelve. (10)

1. Define gymnosperms.
2. Explain law of natural selection.
3. Write the factors affecting enzyme action.
4. When did the extinction of dinosaurs happened?
5. Name the virus responsible for causing Covid.
6. How many types of roots are present in plant structure?
7. Define primitive marine animals.
8. Who introduced Whittaker's five kingdom?
9. Give full form of ATP.
10. Write one difference between vertebrates and non-vertebrates.
11. Write the name of good bacteria.
12. What does adaptation mean?