



5. After the death of apex consumers, their energy becomes available to the \_\_\_\_\_ .
- Primary consumers
  - Secondary consumers
  - Sun
  - decomposers

**Q2 Attempt any five of the following :**

**10**

- Write the important features of Microsoft Excel .
- Give reason: Energy flow through an ecosystem is 'one way' .
- Give the characteristics of Gymnosperms..
- Give the uses of *Lactobacilli*.
- Write a note of Pyramid of Energy.
- What is e-waste? How is it harmful?
- Write a note on disaster management.

**Q3 Attempt any five of the following :**

**15**

- Name the microbes and their uses in bioremediation.
- What are the types of casualties that are seen to occur in different types of disasters?
- How does a computer work?
- Sketch and label *Marchantia* and explain its characteristics.
- Write a note on Carbon cycle.
- Explain how *Rhizobia* are useful for farmers.
- Distinguish between monocots and dicots.

**Q4 Answer any one of the following:**

**5**

- Complete the table:

Sr. No.	Name of the device	What is it used for?	Where is it used?	Benefits from its use
1	Computer/laptop			
2	Mobile			
3	Radio			
4	Television set			

- Define antibiotic.
- What are broad spectrum antibiotics?
- What precautions should we take while using antibiotics?