



Q-3 Answer **any 10** in brief. (2 marks each)

1. Name types of viral insecticides.
2. Write any two advantages of viral insecticides.
3. Name one fungal biofertilizer and one fungal insecticide.
4. What are phytoalexins?
5. What is necrosis? Enlist its symptoms.
6. What is hemicellulose made up of?
7. Name any two non renewable energy sources.
8. What are bioplastics? Give example.
9. Name techniques of soil bioremediation.
10. What is MEOR? Name the microbe useful for that.
11. Name the microbes involved in biogas production.
12. Name the raw material used for economic production of biogas.

Q-4 Describe **any 4** in detail (8 marks each):

1. Any one bacterial insecticide.
2. Advantages and limitations of biofertilizers.
3. Enlist the important chemical weapons of plant pathogens. Describe any one of them.
4. Role of phenolic compounds in plant defense from pathogens.
5. Creation of superbug by transfer of plasmids for the biodegradation of oil spills.
6. Explain phenomenon of biomagnification by providing suitable example.
7. Commercial processes of bioleaching.
8. Greenhouse gases, global warming and measures of their control.

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