



THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

Q.1. Answer the following short questions. (15x2=30)

1. Mention the percentage of organic and inorganic components of a typical fertile soil.
2. What is HUMUS?
3. Which analytical technique is suitable for analysis of heavy metals in the environment?
4. What are main types of soil erosion?
5. Mention the names of fungi which are producing AFLATOXINS?
6. Enlist micronutrients of plants.
7. What is littering?
8. Enlist any two sources of soil pollution.
9. Where does the term SOIL come from?
10. What is soil texture?
11. What is CEC of the soil?
12. What is dirty dozen?
13. What are PCBs?
14. Mention any two applications of IR spectroscopy in environmental monitoring.
15. What is ATOM ECONOMY in Green Chemistry?

Q.2. Answer the following questions. (5x6=30)

1. Describe the SOLID components of soil.
2. How INDUSTRIES are contributing in soil pollution?
3. What are POPs? How these are affecting the environment?
4. Elaborate any six importance of GREEN CHEMISTRY.
5. Write a brief note on GC.