

1. Name a hormone that delays senescence.
2. Name a hormone used as weedicide.
3. Name a hormone used as herbicide.
4. Name one artificial hormone.
5. Name a hormone used in production of seedless fruits.
6. Name a herbicide which is auxin in nature.
7. Name a gaseous plant hormone.
8. What is meant by phytohormones or plant growth regulators?
9. Discuss the physiological role of gibberellin.
10. Discuss the physiological role of GA in flowering.
11. Discuss the physiological role of gibberellin in seed germination.
12. Discuss the physiological role of auxins.
13. Discuss the physiological role of cytokinin.
14. Discuss the physiological role of ethylene.
15. Discuss the physiological role of ethylene in fruit ripening.

1. Give two examples of coenzymes.
2. What is meant by co-factor?
3. Name a left-handed and a right-handed DNA.
4. What is a peptide bond?
5. Mention one character of Z DNA.
6. What is the distance between two nucleotides in B-DNA?
7. Write full form of IUBMB.
8. Discuss primary, secondary and tertiary structure of proteins.
9. What do you mean by coenzyme and prosthetic group? Discuss mechanism of action of an enzyme.
10. Write a brief note on different types of RNA.
11. Name the major classes of enzymes according to IUBMB. Give an example of each.
12. Differentiate between alpha helix and beta sheet.