11. In the current scenario, discuss the threats to biodiversity
Slide no 5 unit 2

12.What is the bonding pattern observed in biomolecules?

Relate with an example Slide 8,9,10 :Unit
2 (6) marks (ionic, hydrogen &covalent bonds need to be explained each bonds two marks); Protein bonding pattens, carbohydrate bonding pattern , DNA
bonding pattern can be give as example (4marks)

13. What are all the carbohydrates related to plants? Explain its features

On identification 2 marks
Glucose or any hexose (monosaccharides) slide 23 unit 2
Starch (polysaccharides) slide 26 unit 2
Structure (4 marks) Bonding pattern (4 marks)

14. What is the role of enzymes in catalysis? How it can convert substrate to the product using
less energy?
Slide 6 unit 3

15. What is the role of carboxypeptidase? Explain the mechanism of its action
Slide no 23,24 Unit 3

16. How glucose is synthesized by plants ? Explain the mechanism
Slide no 48 to 52. Unit 3 Content without diagram can be awarded 6 marks