

Que-1. Answer any 12 questions. Each question carries 1 mark. [12]

1. Define Oligosaccharides.
2. What is Bees wax?
3. Define Asymmetric carbon.
4. What is the scientific name of Jojoba wax?
5. Trios contain only one asymmetric carbon. (True/False)
6. What is stereo-isomer?
7. Differentiate Carbohydrate from Lipids.
8. Glucose contains 04 asymmetric carbons & thus has ___ isomers.
(a) 08 (b) 04
(c) 16 (d) 32
9. Unsaturated fatty acids are solid in nature at room temperature.
(True/False)
10. Give general structure of Amino acid.
11. What kind of wax is used in shoe polishes?
12. What are D-isomers?
13. Due to what reason carbohydrates give blue black colour with iodine?

Que-2. Answer any five questions. Each question carries 4marks. [20]

1. Give the structures of following: -
(a) Glycerol (b) Oleic acid
(c) Ribose (d) β - Glucose
2. Write a short note on stereo isomers.
3. Explain about a) D & L isomers
b) Optical activities of sugar.

4. Short note on identification tests for monosaccharide.
5. Short note on waxes.
6. Short note on Derived lipids.

Que-3. Answer any four questions. Each question carries 7 marks. [28]

1. Define carbohydrates and give a brief note on Monosaccharide.
2. Explain in detail about Polysaccharides.
3. Define Lipid and classify Simple and Compound Lipids.
4. Give detail note on fatty acid.
5. What is the role of lipid and carbohydrates in our day to day life?