



BIOLOGY

BOOKS - CBSE COMPLEMENTARY MATERIAL BIOLOGY (HINGLISH)

Biomolecules

Very Short Answer Questions

1. Why do oils generally remain in liquid state even in winters ?



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2. Name an element found in proteins but not in lipids and carbohydrates.



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3. What is the difference between RNA and DNA in terms of nitrogenous base ?



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4. What does an enzyme do in terms of energy requirement of a reaction ?



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5. What is the function of ATP in cell metabolism ?



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6. Name the protein which form the intercellular ground substance.



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7. What are biomacromolecules ?



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8. Why are the enzymes called biocatalysts ?



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Short Answer Questions I

1. Differentiate between prosthetic group and co-enzyme.



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2. What are glycosidic bonds and peptide bonds ?



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3. Why are amino acids also known as substituted methane ?

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4. Amino acids exist as zwitter ions. Give its structure . Why is it formed ?

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5. Why do starch give blue black colour with iodine ?



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6. Why starch and glycogen are more suitable as storage product than glucose ?



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7. What would happen when salivary amylase which acts on starch in mouth enter in stomach ?



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8. Differentiate between homo polysaccharides saccharides and hetero poly saccharides.



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9. Why do physicians recommend vegetable oils rich in polyunsaturated fat for persons suffering from cardiovascular diseases ?



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10. Why does the shelf life of fruits and vegetables increase in a refrigerator ?



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1. Differentiate between primary and secondary metabolites



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2. List out some major proteins and their function ?



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