

## Worksheet: Biomolecules

West Bengal State Board · Class 12 · Chemistry · 5 questions · 12 marks

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ / 12

**Q1.** What is a zwitterion? Give an example. *[2 marks]*

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**Q2.** Distinguish between DNA and RNA. *[2 marks]*

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**Q3.** Name two water-soluble and two fat-soluble vitamins. *[2 marks]*

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**Q4.** Why is sucrose a non-reducing sugar but maltose a reducing sugar? *[3 marks]*

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**Q5.** Differentiate between the alpha-helix and beta-sheet of protein secondary structure. *[3 marks]*

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