Worksheet: Biotechnology — Principles and Processes

Punjab State Board · Class 12 · Biology · 5 questions · 11 marks

Name: _____ Date: _____ Score: _____ / 11

Q1. Name the three steps of PCR and their temperatures. *[2 marks]*

Q2. What is a restriction enzyme and why is it important in genetic engineering? *[2 marks]*

Q3. Why is Taq polymerase used in PCR rather than ordinary DNA polymerase? *[2 marks]*

Q4. What is the role of the selectable marker in a cloning vector? *[2 marks]*

Q5. What is blue-white screening and how does it work? *[3 marks]*