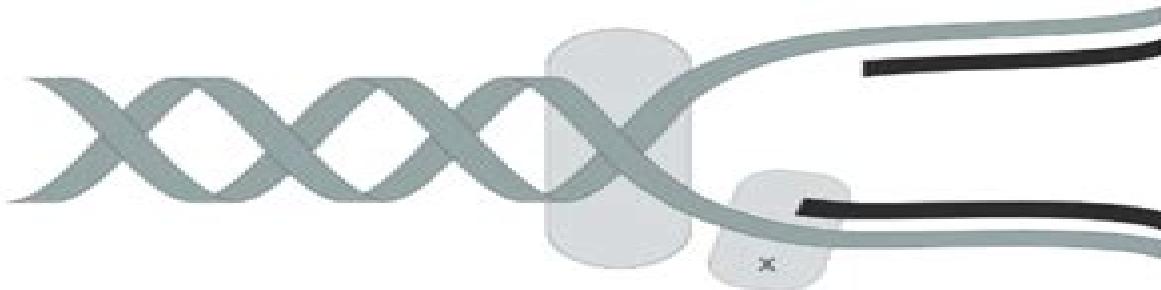


Study guide

1. Outline the roles of the enzymes involved in DNA replication
2. Describe one application of PCR.
3. Explain how DNA fragments can be separated using gel electrophoresis.
4. The following is the base sequence from a section of DNA: ATGCGTAGCTAGATA. Outline the mRNA sequence for this DNA sequence that would be produced in transcription.
5. Draw a diagram of the DNA molecule composed of four or more nucleotides and demonstrate its structure and directionality.
6. Distinguish between DNA replication on the leading strand and the lagging strand.
7. The image below represents the process of DNA replication.



- (a) State the name of the enzyme labelled X.

8. DNA is the genetic material found in all living organisms.
- (a) (i) Identify a component of RNA nucleotides which is not found in DNA nucleotides.

Study Guide Section 2 Replication Of Dna

Arshad Iqbal

Study Guide Section 2 Replication Of Dna:

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Table of Contents Study Guide Section 2 Replication Of Dna

1. Understanding the eBook Study Guide Section 2 Replication Of Dna
 - The Rise of Digital Reading Study Guide Section 2 Replication Of Dna
 - Advantages of eBooks Over Traditional Books
2. Identifying Study Guide Section 2 Replication Of Dna
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Study Guide Section 2 Replication Of Dna
 - User-Friendly Interface
4. Exploring eBook Recommendations from Study Guide Section 2 Replication Of Dna
 - Personalized Recommendations
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 - Participating in Virtual Book Clubs
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 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
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 - Setting Reading Goals Study Guide Section 2 Replication Of Dna
 - Carving Out Dedicated Reading Time
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 - Fact-Checking eBook Content of Study Guide Section 2 Replication Of Dna
 - Distinguishing Credible Sources
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