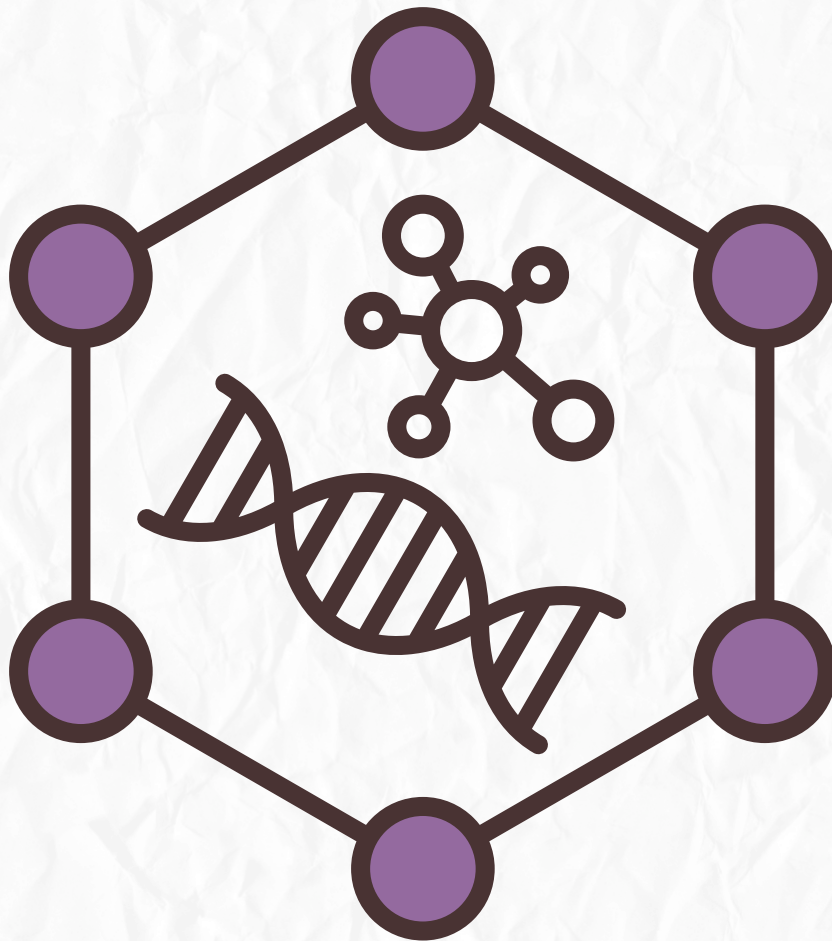


Molecular genetics

Quiz time



Lec 5

Done by : Bashar Alzyoud

1. What is DNA replication?

- A. RNA synthesis
- B. Making identical DNA copies
- C. Protein synthesis
- D. Mutation

Answer: B

2. DNA replication is:

- A. Conservative
- B. Semi-conservative
- C. Dispersive
- D. Random

Answer: B

3. DNA synthesis direction is:

- A. 3' 5'
- B. 5' 3'
- C. Both
- D. None

Answer: B

4. Which enzyme unwinds DNA?

- A. Ligase
- B. Helicase
- C. Primase
- D. Polymerase

Answer: B

5. Okazaki fragments are found in:

- A. Leading strand
- B. Lagging strand
- C. Both
- D. None

Answer: B

6. Primer is synthesized by:

- A. Helicase
- B. Ligase
- C. Primase
- D. Topoisomerase

Answer: C

7. Which enzyme joins DNA fragments?

- A. Ligase
- B. Helicase
- C. Polymerase
- D. Primase

Answer: A

8. Replication occurs in:

- A. Cytoplasm
- B. Nucleus
- C. Ribosome
- D. Golgi

Answer: B

9. Proofreading is done by:

- A. DNA polymerase
- B. Helicase
- C. Ligase
- D. Primase

Answer: A

10. Topoisomerase function:

- A. DNA synthesis
- B. Relieve supercoiling
- C. Join fragments
- D. Primer synthesis

Answer:B



سُبْحَانَكَ اللَّهُمَّ وَبِحَمْدِكَ ، أَشْهَدُ أَنْ لَا
إِلَهَ إِلَّا أَنْتَ ، أَسْتَغْفِرُكَ وَأَتُوبُ إِلَيْكَ .