

1. What is the name of the molecule that contains the genetic information for a living organism?
 - A. Deoxyribonucleic acid
 - B. Ribonucleic acid
 - C. Amino acid
 - D. Glucose
2. What is the name of the process that copies the DNA in a cell?
 - A. Replication
 - B. Transcription
 - C. Translation
 - D. Metabolism
3. What are the building blocks of DNA?
 - A. Nucleotides
 - B. Proteins
 - C. Lipids
 - D. Carbohydrates
4. How many types of nucleotides are there in DNA?
 - A. 1
 - B. 2
 - C. 3
 - D. 4
5. What is the name of the process that uses DNA as a template to make RNA?
 - A. Replication
 - B. Transcription
 - C. Translation
 - D. Metabolism
6. What are the building blocks of RNA?
 - A. Nucleotides
 - B. Proteins
 - C. Lipids
 - D. Carbohydrates
7. What is the name of the process that uses RNA as a template to make proteins?
 - A. Replication
 - B. Transcription
 - C. Translation
 - D. Metabolism
8. What are the building blocks of proteins?
 - A. Nucleotides
 - B. Proteins
 - C. Lipids
 - D. Carbohydrates
9. What is the name of the process that uses proteins as a template to make DNA?

- A. Replication
- B. Transcription
- C. Translation
- D. Metabolism

10. What is the name of the process that uses DNA as a template to make proteins?

- A. Replication
- B. Transcription
- C. Translation
- D. Metabolism

11. What are the building blocks of carbohydrates?

- A. Nucleotides
- B. Proteins
- C. Lipids
- D. Carbohydrates

12. What is the name of the process that uses carbohydrates as a template to make DNA?

- A. Replication
- B. Transcription
- C. Translation
- D. Metabolism

13. What are the building blocks of lipids?

- A. Nucleotides
- B. Proteins
- C. Lipids
- D. Carbohydrates

14. What is the name of the process that uses lipids as a template to make DNA?

- A. Replication
- B. Transcription
- C. Translation
- D. Metabolism

15. What is the name of the process that uses DNA as a template to make lipids?

- A. Replication
- B. Transcription
- C. Translation
- D. Metabolism

Answer Key:

- 1. A
- 2. A
- 3. A
- 4. C
- 5. B
- 6. A
- 7. C
- 8. A

- 9. D
- 10. C
- 11. D
- 12. D
- 13. D
- 14. D
- 15. D