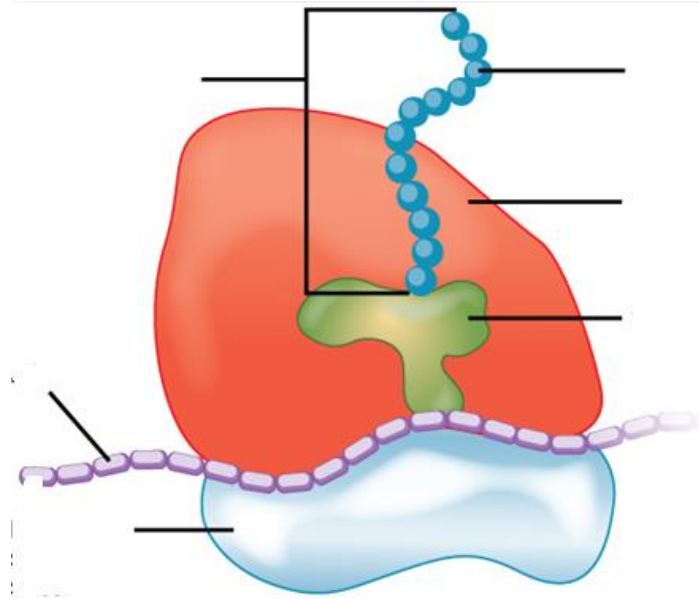


You must hand write your answers!

1. What is the Central Dogma?
2. What does it mean to say that the genetic code is universal?
3. How many amino acids are there? _____
4. What is a codon?
5. What is an anticodon?
6. In prokaryotes, does transcription and translation happen simultaneously? _____
7. In eukaryotes, does transcription and translation happen simultaneously? _____
8. In eukaryotes, where does transcription occur? _____
9. In eukaryotes, where does translation occur? _____
10. What is RNA polymerase?
11. What are the 3 things that happen during mRNA processing in eukaryotes?
12. What are introns and exons?

13. What is tRNA?

14. Label the following picture:



15. What are the 3 steps of transcription and translation?