

26 How is a primary transcript modified to form mRNA?

- A** It becomes longer as exons are joined together.
- B** It becomes shorter as exons are removed.
- C** It becomes longer as introns are joined together.
- D** It becomes shorter as introns are removed.

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26 Which statement is correct for protein synthesis?

- A** During translation, the strand of DNA used is the template strand.
- B** mRNA is formed when introns are removed from the primary transcript.
- C** The DNA primary transcript is modified by removing exons.
- D** tRNA has codons which attach to anticodons on the mRNA.

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25 When a gene mutation occurs, which of the following may be altered, resulting in the production of a non-functional protein?

- 1 amino acid sequence
- 2 DNA nucleotide sequence
- 3 mRNA nucleotide sequence

- A** 1, 2 and 3 **B** 1 and 2 only **C** 2 and 3 only **D** 2 only