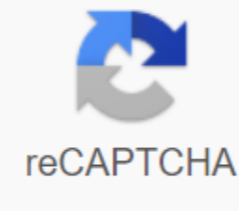




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The DNA replication mode is conservative and bidirectional semiconservative and unidirectional semiconservative and bidirectional conservative and unidirectional Also Read: Transcription 7. What enzyme is used to attach nicks to the STRANDS of DNA? Primase DNA polymerase DNA ligase endonuclease 8. What enzyme is used in DNA

unwinding? Ligas Totuizomese Helikays Exonuclease 9. Which of the following processes does not occur in prokaryots? Transcription Splicing Translation Replication 10. cDNA synthesized from RNA by the enzyme DNA polymerase DNA synthetase DNA convertase Reverse transcriptase 11. Which of the following rules of basic pairing is correct? Adenine with guanine and thymine with cytosine DNA base pairing non-specific Adenine with cytosine and guanine with thymine adenine with thymine and guanine with cytosine Also Read also: Translation 12. DNA synthesis can be measured by assessing the inclusion of radiolabelled thymine guanine cytosine Adenine 13. How much RNA polymerase is present in the bacterial system? 14. During DNA replication, the synthesis of the leading strand of DNA leads to fragments known as Okazaki Satellite Segment Fragments of Kornberg Double-helix Segment 15. Short strands —— primer are used in DNA replication. 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MRNA-codon valina (a) GUC (b) UGG (c) CCA (d) TTG Answer: a) GUC 4. True DNA replication is due to (a) phosphate spine (b) hydrogen communication (c) Additional basic pairing rule (d) No answer: (c) Supplemental basic rule of pairing 5. Which of the following statements does not apply to viruses? (a) The virus is replicated in the bacterial host (b) The protein layer of the virus is not included in the host cell (c) The genetic material is DNA or RNA (d) The virus is replicated autonomously in the absence of the host's response: d) The virus is replicated autonomously in the absence of host 6. DNA replication mode (a) Conservative and bidirectional (b) Semiconservative and unidirectional (c) Semiconservative and bidirectional (d) Conservative and unidirectional response Answer: c) Semiconservative and bidirectional 7. What enzyme is used to attach nicks to the STRANDS of DNA? (a) Primase (b) DNA polymerase (c) DNA ligase (d) Endonuclease Answer: (c) DNA Ligase 8. What enzyme is used in DNA unwinding? a) Ligase (b) Topoisemeraza (c) Helikays (d) Exonuklyaz Answer: (c) Helikays 9. Which of the following processes does not occur in prokaryots? (a) Transcription (b) Splicing (c) Translation (d) Response to replication Answer: b) Splicing 10. cDNA synthesized from RNA enzyme (a) polymerase DNA (b) DNA synthase (c) DNA envelope (d) Reverse transcriptase Answer: (d) Reverse transcriptase 11. Which of the following rules of basic pairing (a) Adenin with guanine and thymine with cytosine (b) mating of the base of DNA is a non-specific (c) adelin with cytosine and guanine with thymine (d) Adelin with thymine and guanine Answer: (d) Adenin with thymine and guanine with cytosine 12. DNA synthesis can be measured by assessing the inclusion of radiolabelable (a) Tyurin (b) Guanine (c) Cytosine (d) Adenina Answer: a) Timin 13. How much RNA polymerase is present in the bacterial system? a) 4 (b) 2 (c) 1 (d) 3 Answer: (c) 1 14. During DNA replication, the synthesis of the leading strand of DNA leads to fragments known as a) fragments of Okazaki (b) Satellite segments (c) segment Kornberg (d) Double helix response answer: (a) fragments of Okazaki 15. Short strands —— primer are used in DNA replication. (a) DNA (b) RNA (c) Giston (d) Answer to question: (b) Interaction with RNA reader

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