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[Biology 1010 Lecture 10 DNA Transcription TranslationDna Transcription And Translation Mcq](#)

1. The process involved in the RNA formation on the DNA template is a) Transcription b) Translation c) Replication d) Transformation 2. The enzyme required for transcription is a) Restriction enzymes b) DNA polymerase c) RNA polymerase d) RNAase 3. Transcription is the transfer of genetic information from a) DNA to RNA b) tRNA to mRNA

[Multiple Choice Questions on Transcription ~ MCQ Biology ...](#)

This set of Microbiology Multiple Choice Questions & Answers (MCQs) focuses on “ Microbial Metabolism – Transcription and Translation of Genetic Information ” . 1. Translation takes place before transcription. a) True b) False View Answer

[Transcription & Translation of Genetic Information ...](#)

1) Transcription of DNA results RNA that have multiple functions including. a) messenger RNA serves as a template for synthesis of proteins. b) tRNA serves as the adapter molecule for the addition of amino acids and elongation of the peptide chain. c) ribosomal RNA serves as machinery for protein synthesis. d) All of the above.

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9. The synthesis of mRNA based on a DNA template is called. A. DNA replication B. transcription C. translation D. DNA restriction. Answer: B. 10.

Recognition/binding site of RNA polymerase is called. A. receptor B. promoter C. facilitator D. terminator. Answer: B. TRANSCRIPTION MCQs

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b) elongation of translation c) termination of translation d) protein folding 15. Tetracycline blocks protein synthesis by a) inhibiting binding of aminoacyl tRNA to ribosome b) inhibiting initiation of translation c) inhibiting peptidyl transferase d) inhibiting translocase enzyme Learn more. MCQ on Transcription; MCQ on DNA repair; MCQ on DNA ...

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A copy of chromosomal DNA is created Information in mRNA is converted into a sequence of amino acids in a protein A RNA copy of a DNA strand is made. Instructions from DNA in the nucleus are brought to the cytoplasm

[Transcription and Translation | Genetics Quiz - Quizizz](#)

This quiz will show you how well you comprehend transcription and translation of DNA in Eukaryotes and Prokaryotes. This material is from "Biological Science" by Scott Freeman and is the material taught in college-level biology/General Biology.

[Biology Test: Transcription And Translation - ProProfs Quiz](#)

Molecular Biology MCQ. Molecular biology is the study of Biology at molecular level. It is mainly concerned with the interrelationships between DNA, RNA and protein synthesis. A molecular biologist studies the processes of replication, translation and transcription of genetic material on a wide scale. Given below are molecular biology mcqs for the better understanding of concepts related to molecular biology.

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a) DNA polymerase III is a highly processive enzyme. b) DNA polymerase III possess 5'-3' polymerase activity required for elongation. c) DNA polymerase III possess 3'-5' exonuclease activity important for maintaining fidelity. d) All of the above 20) In prokaryotes, the RNA primer from the lagging strand is removed and replaced by the DNA sequence.

Molecular Biology: MCQ on DNA synthesis (Replication)

Translation Multiple Choice Questions and Answers for competitive exams. These short objective type questions with answers are very important for Board exams as well as competitive exams. These short solved questions or quizzes are provided by Gkseries.

Translation Multiple Choice Questions and Answers ...

Molecular Biology Quiz: DNA Transcription, Translation, Replication. Transcription is the first step of gene expression, where the messenger RNA is decoded in a ribosome to produce polypeptide which later folds into an active protein and performs its functions in the cell. During this one week, we tried to understand the structure, function, and processes of DNA and RNA in the cell.

Molecular Biology Quiz: DNA Transcription, Translation ...

TRANSCRIPTION and REGULATION Multiple Choice Questions :-1. The complex of RNA polymerase, DNA template and new RNA transcript is called. A. transcription bubble B. replication bubble C. a translation bubble D. none of these. Answer: A. 2. RNA polymerase in prokaryotes has a removable. A. alpha subunit B. beta subunit C. both (a) and (b) D. sigma subunit. Answer: D

300+ TOP TRANSCRIPTION & REGULATION Objective Questions ...

1. The enzyme required for transcription is (a) RNAase (b) DNA polymerase (c) RNA polymerase (d) Restriction enzymes. Answer: (c) 2. Transcription is the transfer of genetic information from (a) DNA to RNA (b) DNA to mRNA (c) mRNA to tRNA (d) tRNA to mRNA. Answer: (b) 3. Sigma factor is a component of (a) DNA ligase (b) DNA polymerase (c) Endonuclease

Transcription In Eukaryotes - NEET Important MCQs

A typical bacterial promoter region for transcription comprises a -35 region and a ____ region called a Pribnow box. Question 8 The σ (sigma) subunit of bacterial RNA polymerase decreases the specificity of the enzyme for promoter regions.

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RNA and Protein Synthesis is a compendium of articles dealing with the assay, characterization, isolation, or purification of various organelles, enzymes, nucleic acids, translational factors, and other components or reactions involved in protein synthesis. One paper describes the preparatory scale methods for the reversed-phase chromatography systems for transfer ribonucleic acids. Another paper discusses the determination of adenosine- and aminoacyl adenosine-terminated sRNA chains by ion-exclusion chromatography. One paper notes that the problems involved in preparing acetylaminoacyl-tRNA are similar to those found in peptidyl-tRNA synthesis, in particular, to the lability of the ester bond between the amino acid and the tRNA. Another paper explains a new method that will attach fluorescent dyes to cytidine residues in tRNA; it also notes the possible use of N-hydroxysuccinimide esters of dansylglycine and N-methylantranilic acid in the described method. One paper explains the use of membrane filtration in the determination of apparent association constants for ribosomal protein-RNS complex formation. This collection is valuable to bio-chemists, cellular biologists, micro-biologists, developmental biologists, and investigators working with enzymes.

Strictly as per the new term-wise syllabus for Board Examinations to be held in the academic session 2021-22 for class 12. Multiple Choice Questions based on new typologies introduced by the board- Stand-Alone MCQs, MCQs based on Assertion-Reason, Case-based MCQs. Include Questions from CBSE official Question Bank released in April 2021 Answer key with Explanations Sample Paper on the latest pattern of Term - 1 exam.

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