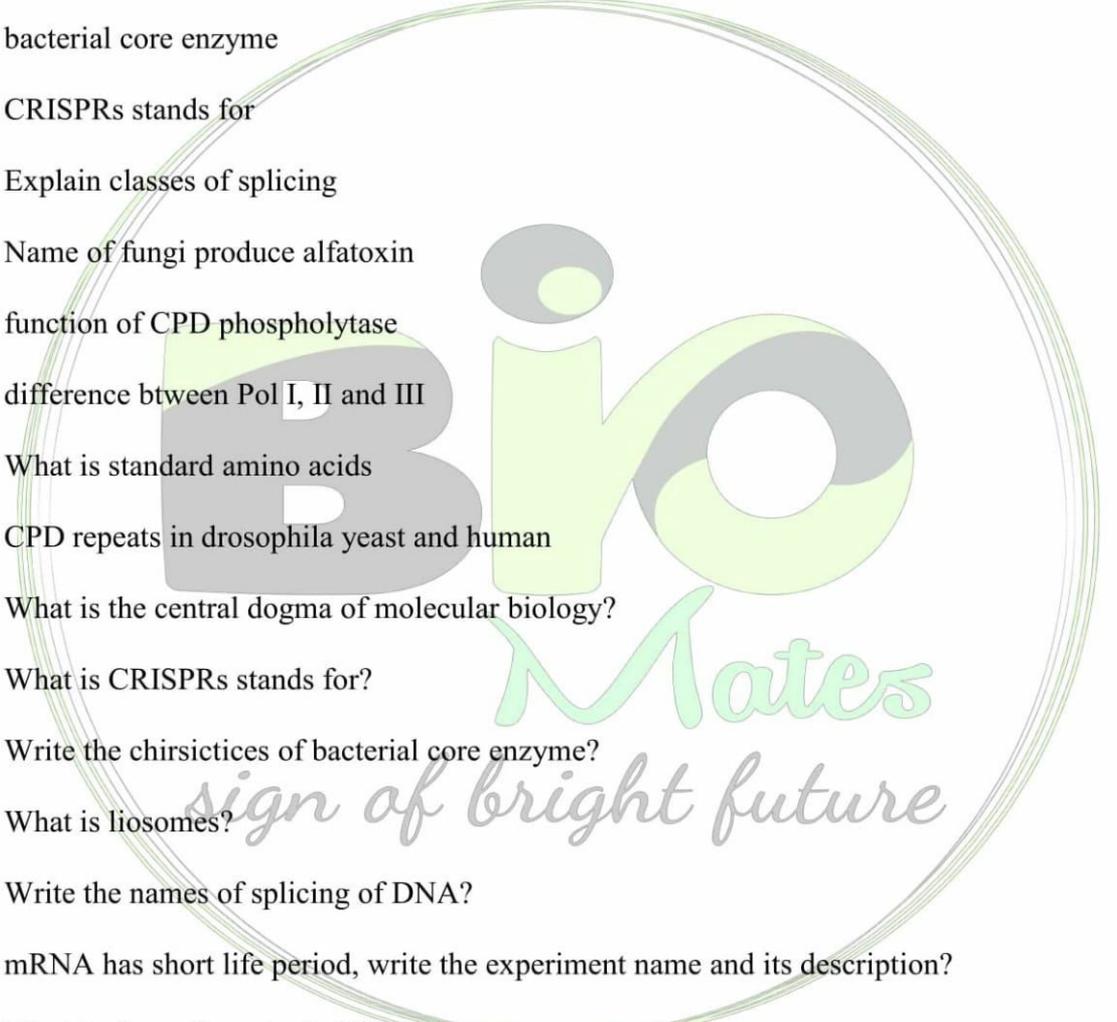
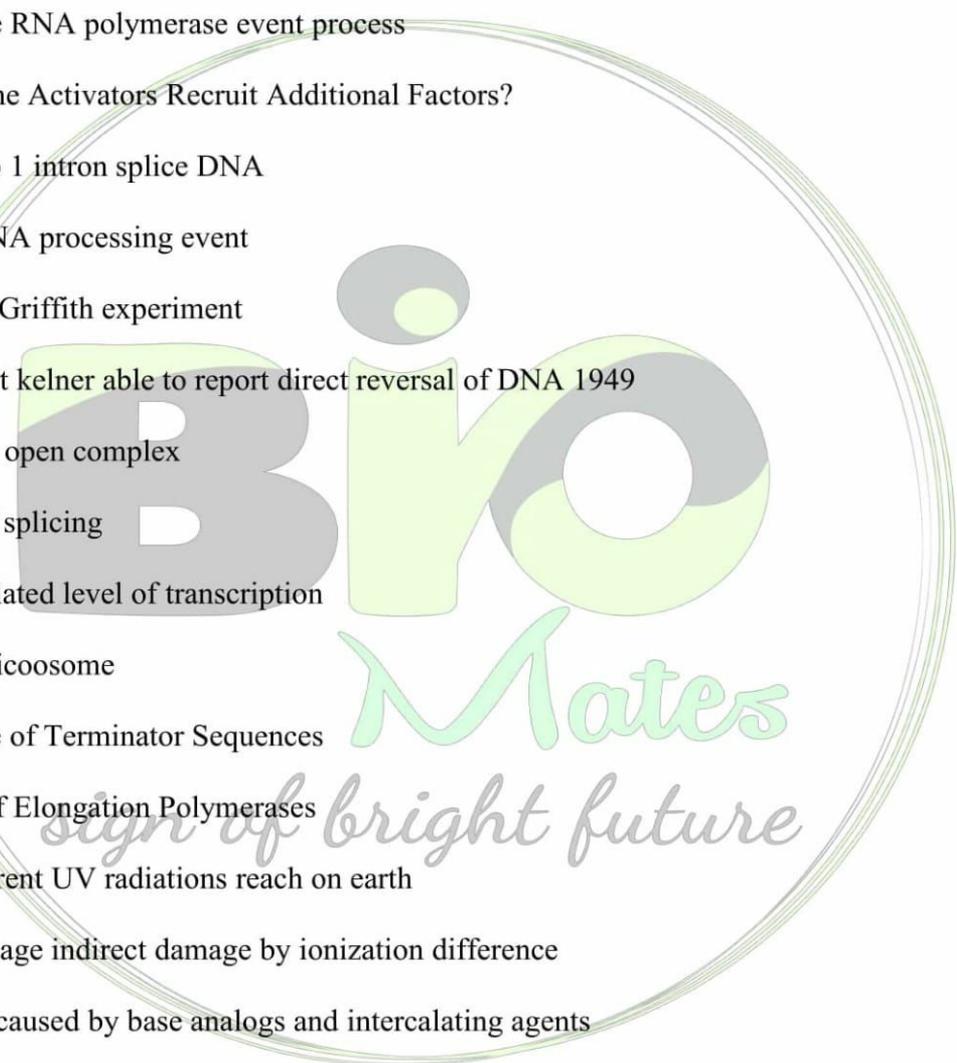


**Virtual University Of Pakistan
Bio302 Molecular Biology**

**Created by Team
VU Bio Mates**

1. bacterial core enzyme
 2. CRISPRs stands for
 3. Explain classes of splicing
 4. Name of fungi produce aflatoxin
 5. function of CPD phospholytase
 6. difference between Pol I, II and III
 7. What is standard amino acids
 8. CPD repeats in drosophila yeast and human
 9. What is the central dogma of molecular biology?
 10. What is CRISPRs stands for?
 11. Write the characteristics of bacterial core enzyme?
 12. What is lysosomes?
 13. Write the names of splicing of DNA?
 14. mRNA has short life period, write the experiment name and its description?
 15. What is elongating step in RNA?
 16. How discovered the first clue of an enzyme that catalyze by damage DNA?
 17. How group I splices work in DNA?
 18. What is operon model? Describe with lac operon?
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19. What is the RNA polymerase event process?
 20. What are the Activators Recruit Additional Factors?
 21. Write the characteristic of bacterial core enzyme?
 22. How group I splices work in DNA?
 23. What is the RNA polymerase event process
 24. What are the Activators Recruit Additional Factors?
 25. How group 1 intron splice DNA
 26. Explain RNA processing event
 27. Explain F.Griffith experiment
 28. How Albert kelner able to report direct reversal of DNA 1949
 29. Transition open complex
 30. Classes of splicing
 31. High regulated level of transcription
 32. Define Splicosome
 33. Define role of Terminator Sequences
 34. Function of Elongation Polymerases
 35. How Different UV radiations reach on earth
 36. Direct damage indirect damage by ionization difference
 37. Mutations caused by base analogs and intercalating agents
 38. Requirements for the highly regulated transcription
 39. How group I intron splice DNA
 40. Photoreactivation system.
 41. Why a DNA stand with one or more AP site makes a poor template
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42. Requirement for regulation the level of transcription
 43. How many types of high energy electron a genetic radiation are there which can damage DNA
 44. Reactive oxygen damage the DNA
 45. what is the effect of 2,4 photoproduct on cel function
 46. What is central dogma?
 47. what is decatenation?
 48. What types of cross linkages of alkylating agent?
 49. What three important discoveries in genetics?
 50. How psoralen activate?
 51. What is telomerase, berief its functions
 52. Eslist any 3 way in which PAHs are formed?
 53. ER enzyme function of three BER enzyme.
 54. Replication fork
 55. Methylation of N-3 in adenine and its how it important for treatment of cancer.
 56. Write any three function of any enzyme.?
 57. Define S & R form of bacteria colonies?
 58. What is central dogma?
 59. "ase" suffex meant for?? Enlist any three.
 60. Characteristics of genetic material?
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