

Bio302 Mid term

- Q define base excision repair,
- Q uv types and effects,
- Q types of basic amino acids, name any five,
- Q what is the effect of 2,4 photoproduct on cell function
- Q What is central dogma?
- Q what is core enzyme of bacteria write three names?
- Q what is base excision repair system write it in detail?
- Q what is meant by suffix -ase write name of -ases?
- Q BER enzyme function of three BER enzymes.
- Q Replication fork
- Q Griffith transformation experiment
- Q "-ase" suffix meant for?? Enlist any three.
- Q Methylation of N-3 in adenine and its how it is important for treatment of cancer.
- Q How many types of amino acid, write the name of any five amino acid.
(5)
- Q How many types of enzyme used in BRE.
- Q Write any three functions of any enzyme.?(5)
- Q Define S & R form of bacteria colonies? (2)
- Q Cpd define. (2)
- Q Characteristics of genetic material?(3)
- Q Write the structure of influenza virus.(3)
- Q what is decatenation?
- Q types of cross linkages of alkylating agent?
- Q three important discoveries in genetics?
- Q Franklin and Wilkin contributions?
- Q how psoralen activates
- Q How many different types of UV radiation effect on the earth and the life? (Marks 5)
- Q name any five standard amino acids (Marks 5)
- Q What is telomerase, brief its functions (Marks 3)
- Q Write 3 Developments in the field of Genetics (Marks 3)
- Q Enlist any 3 ways in which PAHs are formed? (Marks 2)
- Q How many Local conformational secondary proteins join to form a protein molecule?