

## LPUNEST- Ph.D. Molecular Bio & Genetic Engg

### (Sample Questions)

- QUESTION 1** Which recombinase binds to lox sites?
- Option A Cre
  - Option B Lambda
  - Option C FLP
  - Option D Rec A
- QUESTION 2** Which mechanism can be used for a gene to give rise more than one polypeptide product.
- Option A Over splicing
  - Option B Under splicing
  - Option C Ultra splicing
  - Option D Alternative Splicing
- QUESTION 3** Which type of reaction occurs during splicing
- Option A Methylation
  - Option B Sulphonylation
  - Option C Transesterification
  - Option D Transhydroxylation
- QUESTION 4** Which activity is present in ribosomes?
- Option A Peptide transferase
  - Option B Peptidyl transferase
  - Option C Peptide isomerase
  - Option D Peptidyl Isomerase
- QUESTION 5** Which enzyme removes the formyl group from the amino terminus during or after the synthesis of the polypeptide chain?
- Option A Deformylase
  - Option B Formylase
  - Option C Formyl reductase
  - Option D Formyl oxidase











**---End of Question Paper---**