

- b** Explain the double helical structure of DNA with suitable diagram. (7)
- Q-5** **Write Short notes on-**
- a** Types of mutation (7)
- b** Transduction (7)
- Q-6** **Attempt all questions**
- a** Write the properties of DNA polymerase. 7
- b.** What is plasmid? Write different types of plasmids. 7
- Q-7** **Write Short notes on-**
- a** Types of RNA (7)
- b.** Structure of lambda phage (7)
- Q-8** What is transcription? Explain the process of transcription in prokaryotes with suitable diagram. (4+10)

