

- b. How you will separate the cloned RNA fragment from a plasmid. 7
- Q-5 Write short notes on-**
- a. Ti Plasmid 7
- b. Nucleases 7
- Q-6 Write short notes on-**
- a. Bio-synthesis for nano structures 7
- b. Restriction digestion of DNA 7
- Q-7 Attempt all questions**
- a. Explain the process of recombinant insulin production. 7
- b. What is gene gun? Explain its role in gene cloning. 7
- Q-8** What is +ve clone selection? Explain the process of blue/white selection process. (4+10)

