

of disease.

- Q-5** **Write short notes on-**
- a. Biosensors 7
 - b. DNA chips 7
- Q-6** **Write short notes on-**
- a. Nano materials 7
 - b. Restriction digestion 7
- Q-7** **Attempt all questions**
- a. What is bacteriophage? Draw its structure. 2+5
 - b. Explain the chemical methods used for synthesis for nano structures. 7
- Q-8** **Attempt all questions**
- a. Briefly explain the process of Blue-White screening of positive clones. 7
 - b. Explain the process of insertion of DNA in to a vector. 7

