

www.FirstRanker.com

Attempt any live parts. All parts carry equal marks:

(5×10=50)

- What are synthetic biomedical polymers? Giving any polymers in biomedical science. suitable examples describe the synthesis and use of

3

- biological research. Write down the applications of nanotechnology in
- Give a brief idea about nanoparticle based immobilization assays.
- Explain viruses as nanoparticles
- Describe the role of nanobiotechnology in tumor targeting.

- Q.3. (a) Draw the block diagram of AFM.
- ਭ Describe AFM principle. Also write down the requirements for the functioning of AFM.
- Q.4. (a) Explain the biological synthesis of metal nanoparticles.
- Describe microfabrication technique briefly

9

- Q.5. (a) principle. What is molecular imprinting? Discuss its basic www.FirstRanker.com
- Briefly discuss the applications of biosensor

ਭ