

35150 : Pharmaceutical Microbiology Paper - 3.2

P. Pages : 1

Time : Three Hours



AW - 2296

Max. Marks : 60

- Notes :
1. All question carry equal marks.
 2. Answer **any five** questions.
 3. Illustrate your answer necessary with the help of neat sketches.
 4. Use of pen Blue/Black ink/refill only for writing the answer book.

1. Explain in detail the Morphology of viruses. 12
2. Describe the Nutrition, cultivation & Isolation of Bacteria. 12
3. Describe the Types of Microbial contamination their assessment and spoilage add a note on preservation of pharmaceutical product. 12
4. Comments on: 12
 - a) Transmission of viral diseases.
 - b) Standardization of vaccines.
5. What is Hypersensitivity? Write a detail Account on it. 12
6. Explain the physical methods of sterilization in detail. 12
7. Write a short notes **any two**. 12
 - a) Actinomycetes.
 - b) Chemical sterilization.
 - c) Antigen – Antibody Reaction.
