

Total No. of Questions - 22] [Total No. of Printed Pages - 2]

DEC-23-0080

BP-502 T (Industrial Pharmacy-I)

B.Pharm-5th (PCI)

Time : 3 Hours

Max. Marks : 75

Note: Section A is compulsory. Attempt all questions in this section. Attempt any seven questions from section B and Two questions from section C.

SECTION-A

(10×2=20)

Short Answer (Compulsory)

Discuss briefly the following

1. Pyrogen testing.
2. Lamination
3. Picking
4. Elixirs
5. Lyophilization
6. Shelf life
7. Emulsion
8. BHT
9. Angle of Repose
10. Preservative

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SECTION-B

BP-502 T  
(7×5=35)

Short Note Answer (Any Seven)

11. Write a note on aseptic processing.
12. Write a detail note on production of soft gelatin capsules.
13. Discuss the issues related to stability aspects of packaging materials.
14. Write a note on BCS classification of drugs and its significance.
15. Write a note on "In-process quality control tests of Tablets".
16. Write the quality control test for hard gelatin capsules.
17. Describe the lyophilization method used for Preparation of sterile powders.
18. Briefly explain the formulating agent used in Preparation of toothpaste.
19. Write a note on aerosol along with a neat diagram of aerosol container.

SECTION-C

(2×10=20)

Long Answer (Any Two)

20. Write a note on quality control test to be performed on Parental products.
21. Explain emulsion stability and its evaluation parameters.
22. Give the method of preparation of a tablet containing moisture sensitive drug. Which type of coating will be preferred for such type of drug?