

341716(41)

**B. Pharmacy (Seventh Semester) Examination,
Nov.-Dec. 2019**

(New Scheme)

(Pharmacy Branch)

PHARMACEUTICS-X

(Pharmaceutical Technology)

Time Allowed : Three hours

Maximum Marks : 70

Note : Attempt all the five questions. All questions carry equal marks.

1. Why capsules are preferred peroral dosage form? Write down the method of manufacture of hard gelatin capsule shell. What are the shortcomings of gelatin? Name the components used to prepare soft gelatin shell. 2+8+2+2

341716(41)

PTO

[2]

Or

What is Gelatin Melt? Name the materials that can be filled in soft gelatin capsule. Discuss briefly the tests used to evaluate capsule dosage form. 4+10

2. Why direct compression method is desired? Explain briefly the steps involved in dry and wet granulation techniques. Name at least three dry binders used in direct compression method. What are different types of coating applied to tablet? Why sugar coating is avoided? 2+6+1+3+2

Or

Explain the technologies used to prepare granules for making tablet. Name the tests to be performed to evaluate tablet. <http://www.csvtuonline.com> 10+4

3. What do you understand by Water for Injection, Sterile Water for Injection and Purified water? What are their uses? What is Pyrogen? 6+3+5
4. Describe in brief the general methods of preparation of various types of ophthalmic products. Name the methods used to sterilize these products. 12+2

Or

341716(41)

[3]

Why in-process quality control is done? Name the tests carried out under IPQC of solution dosage forms. Write a note on ICH guideline for stability studies. 2+6+6

5. Explain primary, secondary and tertiary packaging material with suitable example. What is the effect of packaging material on stability of formulation? 10+4

Or

Write notes on : 7+7

- (a) Use of lyophilization in making sterile products
(b) Factors influencing selection of packaging material

http://www.csvtuonline.com

Whatsapp @ 9300930012

Your old paper & get 10/-

पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से