

B. PHARM. THIRD YEAR FIRST SEMESTER EXAMINATION, 2019

Pharmaceutics-V

Time : three hours

Full Marks: 100

Answer all parts of a question in one place. Answer any five questions taking at least one from each group.

GROUP - A

Q.1. Explain the chemistry involved in the-

- i. Effervescent formulations
- ii. Non staining iodine preparations

Q.2. Explain how different types of coating may make the compressed tablet more complex formulation in terms of bioavailability?

Q.3. As drug delivery system the aqueous suspension is the second in efficiency only to the solution dosage form .How can you improve the efficiency of such formulations?

Bachelor of Pharmacy Examination 2019

(3rd year 1st Semester)

Pharmaceutics V

Time 3Hours

Full Marks: 100

Answer all parts of a question in one place

Answer any Five question taking at least one from each group

Group- B

4. Answer the following:

- a) Sublingual tablets give rapid onset of action and require lower dose of a drug than an oral tablet. Why?
- b) Some tablets are enteric coated. Why? Write the name of four enteric coating materials.
- c) What are the reasons for sugar coating of tablets? Compare the advantages of film coating over sugar coating.
- d) What is an effervescence tablet? How will you measure disintegration time of an effervescence tablet?

3+6+8+3=20

5. Write notes on the following:

- a) Picking and Sticking of tablets
- b) Mottling of tablets
- c) Capping and Lamination of tablets
- d) Determination of disintegration time of an enteric coated tablet according to I.P. 4x5=20

6. Describe with a flow sheet diagram the method of preparation of tablets by dry granulation method.

20

7.a) Describe the Piston Tamping method and Dosator method for filling of hard gelatin capsules.

b) How will you determine Bloom Strength of gelatin?

c) Describe the weight variation test and Content uniformity test of capsules, and friability test of tablets according to I.P.

6+2+12=20