



(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 150602

Roll No.

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B. Pharm.

(SEM. VI) THEORY EXAMINATION, 2014-15
PHARMACEUTICS - VII (PHARM TECH II)

Time : 3 Hours]

[Total Marks : 80

1 Answer any four of the following : 4×4

- Discuss the advantages and disadvantages of capsule over other dosage forms.
- Write a note on microencapsulation by phase co-acervation separation.
- What is importance of base adsorption and minim/gm factors in case of soft gelatine capsules.
- Enlist the methods of capsule filling and describe in brief any one method.
- Write a note on micro-encapsulation and give their applications.

2 Answer any two of the following : 8×2

- Write a note on pharmacopoeial methods of evaluation of tablets.

- b) Enlist the different granulation techniques, and explain any one technique.
- c) Write a note on film forming and describe the equipments used in coating process.

3 Answer any two of the following : 8×2

- a) Briefly describe the various approaches of making sustained and controlled release dosage form.
- b) Write a note on quality control test of parenteral products.
- c) Write detailed notes on any two :
 - i) Transdermal patch ii) Nanoparticles iii) Liposome.

4 Answer any two of the following : 8×2

- a) Give the physiological parameters considered while formulation of parenteral products.
- b) Describe Lyophilization method used in preparation of sterile powders.
- c) Give the methods of preparation for water for injection.

5 Answer any four of the following: 4×4

- a) Give the factors affecting of choice of containers.
- b) Classify various containers and closures used in pharmacy.
- c) Discuss glass and plastic containers used for packaging of pharmaceutical products.
- d) Give the evaluation test for packaging materials.
- e) What are the legal and other official requirements for containers ?