

Printed Pages : 3



PHARM362

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

PAPER ID : 150614

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B.Pharm.

(SEM VI) THEORY EXAMINATION, 2014-15
PHARMACEUTICS-VII
(PHARMACEUTICAL TECHNOLOGY-II)

Time : 3 Hours]

[Total Marks : 80

1 Answer any four.

4×4=16

- (1) Write down the filling process involved in rotofil machine.
- (2) Write any one manufacturing method for preparation of soft gelatin capsule.
- (3) Define the following:
 - (a) Base absorption
 - (b) Bloom strength
- (4) Discuss the various steps involved in finishing stage of hard gelatin capsules after filling and sealed capsules.
- (5) Discuss multi orifice-centrifugal process.

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[Contd...

2 Answer **any four**. **4×4=16**

- (1) Enumerate the equipments involved in coating of tablets. Explain any two.
- (2) Write short note on film coating.
- (3) Briefly discuss the following test:
 - (a) Disintegration test
 - (b) Dissolution test
- (4) Discuss the single punching machine in detail.
- (5) Write the importance of granulation technique in tablet manufacturing.

3 Answer **any four**. **4×4=16**

- (1) Briefly discuss about containers and closures used for parenteral preparation.
- (2) Write short notes on lyophilization.
- (3) Write the two preparation methods for "water for injection".
- (4) Discuss the in-vitro and pyrogen test for parenteral products.
- (5) Discuss the following parenteral formulation.
 - (a) Parenteral suspension
 - (b) Powders for injection

4 Answer **any two**. **2×8=16**

- (1) Explain desirable qualities of ophthalmic dosage forms.
- (2) Write short notes on the following:
 - (a) Ophthalmic ointments
 - (b) Ear drops
 - (c) Tonicity
 - (d) Occuserts
- (3) Classify the controlled release dosage form and explain at least one classification in detail.

5 Answer **any two**. **2×8=16**

- (1) Differentiate strip packaging and blister packaging. Explain factors influencing the choice of containers.
 - (2) Evaluation test for packaging containers.
 - (3) Explain the following terms:
 - (a) Wound dressing
 - (b) Catguts
 - (c) Surgical gauze
 - (d) Sutures
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