

Code: 9R01504

**R09**

B.Pharm III Year I Semester (R09) Supplementary Examinations November 2017

**PHARMACEUTICAL TECHNOLOGY – I**

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 (a) Write a note on pre-formulation and physiochemical properties for testing of pre-formulation.  
(b) Explain aerosols. Give detail account on propellants used in aerosols.
- 2 Explain the structure and functions of hair.
- 3 (a) Write in detail about suppositories and different bases used in suppositories.  
(b) Write a note on ingredients used in liquid dosage form.
- 4 Write in detail about:  
(a) Packaging of semisolid dosage forms.  
(b) Suspending agents.  
(c) Preservatives.
- 5 (a) Write a note on colors and flavors used in liquid dosage forms.  
(b) Explain stability testing of finished product as per ICH guidelines.
- 6 (a) Write a note on gels.  
(b) Write in detail about ideal requirement of suppository bases.
- 7 Write in detail about formulation and preparation of:  
(a) Eye lashes.  
(b) Lipsticks.  
(c) Baby care products.
- 8 (a) Explain the formulation, preparation and packaging of ophthalmic preparations.  
(b) Explain packaging of aerosols.

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