



## Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharm-D Degree Examination - NOV 2016

**Time: Three Hours**

**Max. Marks: 70 Marks**

### PHARMACEUTICAL FORMULATIONS

**Q.P. CODE: 2866**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

#### LONG ESSAYS

**2 x 10 = 20 Marks**

1. Discuss the formulation of a tablet with emphasis on the different excipients used in it.
2. Describe in brief various types of controlled drug delivery systems.
3. Write about the formulation and evaluation of suspensions.

#### SHORT ESSAYS

**6 x 5 = 30 Marks**

4. Define and classify solid dosage forms with examples.
5. Explain the extraction of gelatin used in capsule preparation.
6. Write a note on sterilization of parenterals.
7. Briefly discuss the ointment bases.
8. Elaborate the official tests for tablets.
9. Discuss various components of transdermal drug delivery system.
10. Describe the different stages involved in the production of sugar coated tablets.
11. Explain the quality control tests for hard gelatin capsules.

#### SHORT ANSWERS

**10 x 2 = 20 Marks**

12. Antioxidants used in parenterals.
13. Displacement value and its importance
14. List the different types of Jellies.
15. Bloom strength of gelatin.
16. Why Vitamin A is formulated as an Emulsion.
17. Identification tests for emulsions.
18. Theobroma Oil.
19. Mechanism of action of disintegrants.
20. List the different steps involved in Production of Hard Gelatin Capsules.
21. Vehicles used in parenterals.

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