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Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharma-D Degree Examination - Jan 2014

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. Give detail account of different excipients used in tablet manufacture and their functions.
2. What are ointments? Explain in detail different ointment bases with examples.
3. What are transdermal drug delivery systems? Explain the formulation approaches of transdermal formulations.

SHORT ESSAYS **6 x 5 = 30 Marks**

4. Explain manufacturing defects found in tablets. How are they overcome?
5. Write a note on environment control during manufacturing of parenteral products.
6. Describe the various excipients used hard gelatin capsules.
7. Write a note on suppository bases.
8. What are controlled drug delivery systems? Give examples. Write their advantages and disadvantages.
9. Explain one method used for large scale manufacture of soft gelatin capsules.
10. Explain the formulation of liquid orals.
11. Explain briefly quality control tests of parenterals.

SHORT ANSWERS **10 x 2 = 20 Marks**

12. Enlist the steps of sugar coating.
13. Significance of isotonicity in parenteral
14. Give storage conditions for capsules.
15. List the method of filling of liquid orals.
16. Differentiate gels and jellies.
17. Ophthalmic insert
18. Friability test of tablets
19. List the formulation approaches of nasal drug delivery.
20. Give examples of parenteral vehicles.
21. Buccal tablets

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