

# Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.Pharm Degree Examination – DEC-2018

**Time: Three Hours****Max. Marks: 80 Marks**

## MANUFACTURING PHARMACY INCLUDING COSMETICS (OS & RS)

**Q.P. CODE: 1874**

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

**LONG ESSAYS (Answer any Two)****2 x 10 = 20 Marks**

1. Explain the official quality control tests of tablets
2. Discuss the various steps involved in the processing (manufacture) of parenterals
3. Explain the formulation and manufacture of lipsticks

**SHORT ESSAYS (Answer any Eight)****8 x 5 = 40 Marks**

4. What are the merits of film – coating over sugar coating?
5. Write a note on aerosol container
6. What are microspheres? Explain and give their applications
7. Discuss the film-formers used for tablet coating
8. Differentiate compression coating from sugar coating
9. Write on eye-lotions
10. Explain the role of waxes in the design of sustained release capsules
11. Explain the methods of filling liquid orals
12. Discuss the hard capsule shell manufacture
13. Explain the principle of competitive radio assay

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

14. How do you fill sterile injectable powders in vials?
15. What are the requirements of an ideal cold cream?
16. Name four non-aqueous vehicles used in liquid orals
17. Give the components of an aerosol valve
18. Write a note on "Artificial syrups"
19. What is "Mottling" of tablets? Give reasons
20. What are the different sizes of hard capsule shells?
21. What do you understand by "shelf-life" of dosage forms?
22. Explain why the use of fluorinated hydrocarbons as aerosol propellants should be discouraged
23. Define and explain "Base adsorption"

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