

# Rajiv Gandhi University of Health Sciences, Karnataka

## First Semester B.Pharm Degree Examination – JUNE-2019

Time: Three Hours

Max. Marks: 75 Marks

### Pharmaceutics – I

**Q.P. CODE: 5003**

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. Define prescription. With the help of an ideal example describe the importance of all the parts of a prescription.
2. What are suspensions? Give two advantages and two disadvantages of suspension. Differentiate flocculated and deflocculated suspensions.
3. What are the advantages of liquid dosage form? Write a note on excipients used in liquid dosage form.

#### SHORT ESSAYS (Answer any Seven)

**7 x 5 = 35 Marks**

4. Define Posology. Give two formulae to calculate child dose.
5. Define dosage form and classify with examples.
6. Calculate the volume of 95% alcohol required to prepare 400ml of 70% alcohol by allegation method.
7. Write the identification tests of emulsion.
8. Define and classify powders. Give two advantages and disadvantages.
9. Briefly explain excipients used in formulation of semisolid dosage form.
10. Write a note on any two suppository bases.
11. Define physical incompatibility with two examples.
12. Define and classify dusting powder. Give the differences between types of dusting powder.

#### SHORT ANSWERS

**10 x 2 = 20 Marks**

13. Define Pessaries.
14. List out reasons for creaming.
15. Define Proof spirit.
16. What is geometric dilution?
17. Define tolerated and adjusted chemical incompatibility.
18. Define hygroscopic and eutectic powder.
19. Name any four demerits of suppositories.
20. Calculate quantity of sodium chloride required to prepare 600ml of 2% solution.
21. Define liniment with example.
22. Define creams and ointment.

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