## Rajiv Gandhi University of Health Sciences, Karnataka First Semester B.Pharm Degree Examination - 07-Dec-2020

Time: Three Hours Max. Marks: 75 Marks

## PHARMACEUTICS - I Q.P. CODE: 5003

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

## **LONG ESSAYS (Answer any Two)**

 $2 \times 10 = 20 \text{ Marks}$ 

- 1. Define prescription give an example for prescription and explain the handling of prescription.
- 2. Define emulsion. Give their types. Explain identification tests for emulsions.
- 3. Define suppositories. Write the ideal properties of suppository bases. Explain any one suppository base.

## **SHORT ESSAYS (Answer any Seven)**

 $7 \times 5 = 35 \text{ Marks}$ 

- 4. Write a short note on physical incompatibility.
- 5. Define powders. Write their advantages and disadvantages.
- 6. Differentiate between flocculated and deflocculated suspension.
- 7. How many parts of 20% and 60% alcohol to be mixed to get 500ml of 40% alcohol.
- 8. Define elixir. Explain formulation of elixir.
- 9. Explain the evaluation of semi-solid dosage forms.
- 10. Write a note on pharmacopoeia.
- 11. Give two formulae to calculate child dose. How to calculate child dose if the child age is 5 years and adult dose is 100mg.
- 12. Write a note on stabilizers used in liquid DF.

SHORT ANSWERS  $10 \times 2 = 20 \text{ Marks}$ 

- 13. Define synergism and antagonism.
- 14. Define proof sprit.
- 15. Define gargle and mouthwash.
- 16. Name the instabilities of emulsion.
- 17. List any four sources of errors in a prescription.
- 18. Define dusting powder and their types.
- 19. What are emulsifying agnets give examples.
- 20. Name the excipients used in semi-solid dosage forms.
- 21. Define dosage form with example.
- 22. Define hygroscopic and eutectic powder.

\*\*\*\*