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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 x 10 = 20 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 x 5 = 35 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 x 2 = 20 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.

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