Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – MAY 2016

Time: Three Hours   **Max. Marks: 70 Marks**

PHARMACEUTICS

Q.P. CODE: 2852

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 pharmaceutical incompatibility. Explain Physical & therapeutic incompatibilities with examples.
2. Define and classify emulsions. Explain different tests to identify type of emulsion.
3. Explain simple percolation process with a neat labeled diagram.

SHORT ESSAYS (Answer any Six)   **6 x 5 = 30 Marks**

4. Write a note on development of Indian Pharmacopoeia.
5. Differentiate between lotions and liniments.
6. Mention the advantages and disadvantages of suppositories.
7. Explain the different types of dusting powders.

8. What are surgical dressings? Write a note on absorbent cotton as a surgical dressing material.
9. Define Posology. Give different formulae used to calculate paediatric dose.
10. How do you prepare 1000 gm of 6%w/w acetic acid from 33%w/w acetic acid?
11. Define prescription. Explain the different parts of Prescription.

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

12. How paratonic solutions differ from isotonic solutions?
13. Give two examples each for suspending and emulsifying agents.
14. Mention different types of adjuvants used in monophasic dosage form with one example.
15. Define eutectic powder with example.
16. Define displacement value in suppository base.
17. Differentiate between infusion and decoction.
18. Classify liquid dosage forms.
19. Define galanicals and name the method of preparation for tinctures from unorganized crude drug.
20 What is proof spirit?
21. What is geometric dilution?

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