

# Rajiv Gandhi University of Health Sciences, Karnataka

I year B. Pharm Degree Examination – DEC-2018

**Time: Three Hours**

**Max. Marks: 70 Marks**

## **PHARMACEUTICS (THEORY) (RS - 4)**

**Q.P. CODE: 2626**

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 Posology. Enumerate different factors affecting selection of dose of a drug.
2. Define suspension. Explain controlled flocculation?
3. Define prescription. Explain the handling of prescription. Write about the sources of errors in prescription.

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

**6 x 5 = 30 Marks**

4. Define paste. Explain the formulation of paste.
5. Differentiate between simple and modified maceration.
6. Explain the various evaluation tests for suppositories.
7. Explain the different methods of sterilization of surgical catgut.
8. Define stabilizers. Explain with examples.
9. Explain simple and compound powders with an example.
10. Write a neat labeled diagram. Explain soxhlet extraction process.
11. Define and classify powders based on official grades of powders

### **SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. List the editions of Indian Pharmacopoeia chronologically.
13. Define the terms 'proof spirit' and 'isotonicity'.
14. In what ratio 90 % alcohol and 30% be mixed to give 60% alcohol?
15. Define creaming and cracking?
16. Define eutectic powders.
17. Write the advantages of syrups.
18. Name the types of ointment bases.
19. Write any four safety precautions in handling radiopharmaceuticals.
20. Define galenicals with example.
21. Give the applications of absorbent cotton.

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