

Code No: 211AB

JAWAHARLAL NEBRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Pharmacy 1 Year Examinations, May/June-2017

DISPENSING AND GENERAL PHARMACY

R13

Time: 3hours

Max.Marks:75

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 25 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART - A

(25 Marks)

- 1.a) Find out that how many parts of 50%, 60%, 30% and 20% alcohol should be mixed to get 45% alcohol. [2]
- b) Write about the history of Ayurveda. [3]
- c) Define suppositories. [2]
- d) Classify the powders. [3]
- e) Define physical incompatibility and give few examples. [2]
- f) Menthol —5gm, camphor—5gm, Ammonium chloride—30gm, Light Magnesium carbonate—60gm. Explain the incompatibility in above Formulation and how to overcome. [3]
- g) Define Community Pharmacy. [2]
- h) Write about rôle of retail pharmacist. [3]
- i) Write about desirable properties of colouring agents used in pharmaceutical formulations. [2]
- j) Write about errors in using dispensing balances. [3]

PART - B

(50 Marks)

2. Write about the origin and development of the Pharmacopoeias and write the salient features of B.P. [10]
- OR
3. Write about handling of prescription and source of errors in prescription. [10]
4. Write the principle and procedure of dispensing emulsions. [10]
- OR
5. Write the principle and procedure of dispensing ointments. [10]
6. Classify the incompatibilities and write in detail about therapeutic incompatibilities with examples. [10]
- OR
7. Explain in detail about chemical incompatibility with examples. [10]
8. Explain about ethical guidelines for community pharmacist. [10]
- OR
9. Write about ethical guidelines for Pharmaceutical researcher. [10]
10. Write about measurement of liquids and explain about the errors in measurement of liquids. [10]
- OR
11. Explain the reasons for coloring pharmaceutical preparations and write about coloring of Capsules and Tablets. [10]