

FACULTY OF PHARMACY

B. Pharmacy I - Year (Non-CBCS) (Backlog) Examination, August 2019

Subject: Pharmaceutics-I (General and Dispensing Pharmacy)

Time: 3 Hrs

Max. Marks: 70

Note: Answer **All** Questions. All Questions carry **Equal Marks**.

- 1) a) What is Pharmacopoeia? Write abt features of Indian Pharmacopoeia. **7 M**
b) Write abt Registration procedure for pharmacist. **7 M**
OR
c) Calculate the dose for **i)** a 9 months old infant **ii)** a child of 5 years of age, when the adult dose of drug is 100 mg. **6 M**
d) Calculate the amnt of 95 percent alcohol required to prepare 400 ml of 45 percentage of alcohol. **4 M**
e) Find the strength of 96 % v/v of alcohol in terms of proof spirit. **4 M**
- 2) a) Define Prescription. Explain varis parts of prescription with suitable example. **7 M**
b) Write abt srces of errors in handling of prescription and how can minimize these errors. **7 M**
OR
c) Define a dosage form. Classify dosage forms and write their advantages and limitations of dosage forms. **7 M**
d) Write a note on prescription containers, closures and labeling of dispensed product. **7M**
- 3) a) What are syrups? Write brief note on different methods of preparation of syrups with examples. **5 M**
b) Write principle, procedure and labeling of following preparations
i) Aromatic waters **ii)** Calamine lotion **iii)** Emulsions **9 M**
OR
c) What are mixtures? Classify different types of mixtures. Write general dispensing procedures for mixtures. **6 M**
d) What are suspensions? Write abt the formulation of suspensions with suitable examples? **5 M**
e) Differentiate between lotions and liniments? **3 M**
- 4) a) What are ointments? Classify the different bases used in preparation of ointments with examples. **7 M**
b) Write a note on **i)** Effervescent granules **ii)** Tablet triturates **7 M**
OR
c) Define Incompatibility? What are the different types of incompatibilities? Write abt physical incompatibility with examples? **9 M**
d) Identify the type of incompatibility in the following prescription and add a note on how to rectify the incompatibility.
R_x Quinine sulphate - 1.5 g, Dilute sulphuric acid – 4.0 ml, Potassium iodide- 8.0 g, Water - up to 200.00 ml. Prepare a mixture. **5 M**

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