

FACULTY**B. Pharmacy I Sem (CBCS) (Backlo) Examination, August 2019****Subject: General Pharmacy****Time: 3 Hrs****Max. Marks: 70****Note: Answer ALL questions. All questions carry equal marks.**

1. (a) Explain the detailed pharmacopoeial monograph contents with an example of API. 9
(b) Explain in detail about various career opportunities in pharmacy. 5
OR
(c) Give brief explanation to USP and BP. 7
(d) Discuss about the affiliating bodies of Pharmaceutical education. 7
2. (a) Define Normality, Molarity and Molality. 4
(b) Write short note on minimum weighable amounts and calibration of weights. 6
(c) How much quantity of 95% alcohol will be required to prepare 400 ml of 45% alcohol. 4
OR
(d) Explain in detail about the selection and care of weights and balances. 5
(e) Convert 80° OP and 40° UP to percentage V/V alcohol. 4
(f) What are isotonic solutions and explain different methods for adjusting tonicity. 5
3. (a) Define prescription. Explain in detail about the Parts of prescription. 7
(b) Calculate the dose if the adult dose of the drug is 500mg for:
i) 8 months old infant ii) 6 years child iii) Boy of 13 years 7
OR
(c) Explain parts of prescription. Explain various types of dose calculations for infants and children. 7
(d) Write a note on i) Responding to prescription ii) Pricing of prescription. 7
4. (a) Classify containers with respect to method of closures. 4
(b) Write about various cautionary and advisory labels for different formulations. 6
(c) What are the ideal properties of the container closure system? 4
OR
(d) Write a note on child resistant containers. 6
(e) Explain in detail about the container closure system for semisolid preparations meant for application to the skin or mucosa. 8
5. (a) Write a note on Hydrocolloids. 7
(b) Discuss in brief about the uses, safety measures and precautions while handling medical uses. 7
OR
(c) Write a note on i) Antioxidants ii) Surfactants 4+4
(d) Discuss in detail about the preparation and uses of any two radiopharmaceuticals. 6
