

School of Medical and Allied Sciences

**Bachelor of Pharmacy
Semester End Examination - Jul 2024**

**Duration : 180 Minutes
Max Marks : 75**

Sem V - BPHT5002 - Industrial Pharmacy IGeneral Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) Explain the term Pharmacopoeia and classify it. K2(2)
- 2) Demonstrate the term capsule and its type. K2(2)
- 3) What is the principle involved in the oxidation process? K1(2)
- 4) Demonstrate about the biphasic liquid dosage form and its type. K2(2)
- 5) Recall about the objectives of preformulation studies. K1(2)
- 6) Illustrate about the term suspension and suspending agent K2(2)
- 7) What do you mean by the term Preformulation? K1(2)
- 8) Contrast on soft and hard gelatin capsule. K2(2)
- 9) What do you understand by the term Excipients? K1(2)
- 10) Recall the term Ionization and its uses. K1(2)

- 11) Identify the difference between crystalline, polymorphous and amorphous form drug substances. K3(5)

- OR**
- Organize the stages involved in the filling and sealing of ampoules and vials. K3(5)

- 12) Develop a note on different Excipients used in formulation of parental products. K3(5)
- 13) Construct a note on different additives used in eye formulation. K4(5)
- 14) Construct a note on Eye formulation, its composition and uses. K5(5)
- 15) Analyze about the importance of parenteral formulations. K4(5)

- 16) Assume the term cosmetology and give detail about cold cream. K4(5)

- OR**
- Simplify the term Erythrocytes and list out its uses. K4(5)

- 17) Analyze about the definition, composition and uses of hair dye. K4(5)
- 18) Elaborate the term hair cleanser. Discuss in detail about hair shampoo and its applications. K6(10)

- 19) Appraise the term Pharmaceutical Aerosols with its types and packaging arrangement. K5(10)

OR

Conclude about the different additives used for formulation of Parenteral products and explain the quality control tests for Parenterals. K5(10)