|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SCHOOL OF PHARMACY** | | E:\Blank format\AJU LOGO.jpg | | | **1ST INTERNAL EXAMINATION** | | | |
| Program Name | | **BACHELOR OF PHARMACY** | Program Code | | **B.PHARM** | | | |
| Course Name | | **PHARMACEUTICS I** | Semester | | **1st Semester** | | | |
| Course Code | | **PHM21003** | Year | | **2023/Odd** | | | |
| Time: 1Hour | | **Answer all Questions of Section A**  **Answer Any one of Section B**  **Answer Any two of Section C** | Maximum Marks | | **30** | | | |
| Knowledge Level (KL) | | **K1 :** Remembering | **K3 :** Applying | | **K5 :** Evaluating | | | |
| **K2 :** Understanding | **K4 :** Analysing | | **K6 :** Creating | | | |
| **Section A**  **All the Questions are COMPULSORY**  **MULTIPLE CHOICE type Question [1 x 10 = 10 Marks]** | | | | | | | | |
| **Q. No.** | **Questions** | | | **Marks** | | **Cos** | **KL** | **PO** |
| **1(i)** | How many volumes have British Pharmacopoeia (BP)?  a) 4 b) 5  c) 6 d) 7 | | | **1** | | CO1 | K1, K2 | PO1 |
| **1(ii)** | Who is the father of Indian pharmacy?  a) Prof. M.L. Shroff b) Prof. T.K. Gujjar  c) Prof. B.N. Ghosh d) None of the above | | | **1** | | CO1 | K1 | PO1 |
| **1(iii)** | What is the full form of USP?  a) The United States Pharmacology  b) The United States Pharmacy  c) The United States Pharmacopoeia  d) The United States Pharmaceuticals | | | **1** | | CO1 | K1, K4, K5 | PO1 |
| **1(iv)** | What is the full form of Rx?  a) Take thou b) You take  c) a & b both d) None of the above | | | **1** | | CO3 | K1, K2 | PO2 |
| **1(v)** | A syrup is a concentrated aqueous solution of sugar present  a) 66.7% v/v IP b) 66.7% w/w IP  c. 66.7% w/v IP d) 66.7% v/w IP | | | **1** | | CO2, CO4 | K1, K4, K5 | PO2 |
| **1(vi)** | 100-degree proof alcohol  a) 57.1% v/v alcohol b) 57.1% w/v alcohol  c. 57.1% v/w alcohol d. None of the above | | | **1** | | CO2, CO4 | K1, K4, K5 | PO2 |
| **1(vii)** | Effervescent Powder contains  a) Sodium Bicarbonate + Citric acid  b) Sodium Bicarbonate + Tartaric acid  c) Citric Acid + Tartaric acid  d) Sodium Bicarbonate + Citric acid + Tartaric acid | | | **1** | | CO4 | K2, K6 | PO2 |
| **1(viii)** | Which of the following is not a solid dosage form?  a) Tablet b) Ointment  c. Capsule d) Powder | | | **1** | | CO4 | K3, K4 | PO1 |
| **1(ix)** | Which of the following is a biphasic liquid dosage form?  a) Syrup b) Lotion  c) Emulsion d) Elixir | | | **1** | | CO4 | K3, K4 | PO1 |
| **1(x)** | Elixir contains  a) Water b) Alcohol  c. Water & alcohol d. None of the above | | | **1** | | CO4 | K3, K4 | PO1 |
| **Section B**  **Answer any ONE out of TWO [1x 10= 10Marks]** | | | | | | | | |
| **Q. No.** | **Questions** | | | **Marks** | | **COs** | **KL** | **PO** |
| **1** | Give a detailed account about the pats of prescription | | | **10** | | CO3 | K1, K2 | PO1 |
| **2** | Give a brief note on the liquid dosage solubility enhancement technique. | | | **10** | | CO4 | K2, K3 | PO1 |
| **Section C**  **Answer any TWO out of THREE [2 x 5 = 10 Marks]** | | | | | | | | |
| **Q. No.** | **Questions** | | | **Marks** | | **COs** | **KL** | **PO** |
| **1** | Write about the errors of prescription. | | | **05** | | CO3 | K1, K2 | PO1 |
| **2** | Write a short on Indian Pharmacopoeia. | | | **05** | | CO1 | K1, K2 | PO1 |
| **3** | How much alcohol and water are required to Prepare 600 ml of 70% v/v alcohol from 95% v/v alcohol? | | | **05** | | CO2 | K5, K6 | PO2 |

CO- Course Outcomes, KL- Knowledge Level, PO – Program Outcome

|  |  |  |
| --- | --- | --- |
| **Course Outcomes** | **CO1** | Know the history of profession of pharmacy. |
| **CO2** | Understand the basics of different dosage forms, pharmaceutical incompatibilities and pharmaceutical calculations. |
| **CO3** | Understand the professional way of handling the prescription. |
| **CO4** | Preparation of various conventional dosage forms. |