

Code No. 6034 / S

FACULTY OF PHARMACY

B. Pharmacy I – Year (Supplementary) Examination, November 2015

Subject: Pharmaceutics – I (General & Dispensing Pharmacy)

Time: 3 Hours
Max.Marks: 70

Note: Answer All questions. All questions carry equal marks.

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| 1 | a) Discuss about the procedure for registration as pharmacist. | 7 |
| | b) Write about the United States Pharmacopoeia. | 7 |
| | OR | |
| | c) Discuss the pharmacy as a career. | 6 |
| | d) Prepare 1000 grams of dilute acid from acetic acid (acetic acid B.P. – 33% w/w; Dil. Acetic acid – 6% w/w). | 4 |
| | d) Give the calculations for 100 g powder containing 8% of substance to be made from 10% and 2%. | 4 |
| 2 | a) Define prescription and describe the different parts of prescription. | 7 |
| | b) Write a note on organoleptic additives used in the formulations. | 7 |
| | OR | |
| | c) Define the following dosage forms: | 4x2 |
| | i) Draughts | |
| | ii) Irrigation solutions | |
| | iii) Creams | |
| | iv) Aromatic waters. | |
| | d) Add a note on containers used for packaging of dispensed products. | 6 |
| 3 | a) Write the principle and procedure of the following preparations: | |
| | i) Cresol soap solution | 3 |
| | ii) Tincture of iodine | 3 |
| | b) Discuss the following: | |
| | i) Creaming | 2 |
| | ii) Emulsifying agents | 2 |
| | iii) Phase inversion | 2 |
| | iv) Caking | 2 |
| | OR | |
| | c) Distinguish the following: | |
| | i) Deflocculated and flocculated suspensions | 3 |
| | ii) Pessaries and suppositories | 2 |
| | iii) Floccules and granules | 3 |
| | iv) Creaming and cracking | 3 |
| | v) Lotions and liniments | 3 |

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- 4 a) Discuss about the different types of ointment bases with examples for each. 8
b) Write the preparation of the following: 6
i) Simple ointment
ii) Compound zinc paste
- OR**
- c) Discuss about the different gelling agents used for preparation of jellies. 8
d) Select a suitable dosage form, write the principle, procedure, formula and mention incompatibility if any to dispense the following prescription. 6
- | | |
|---|--|
| R _x
Arachis oil – 25 ml
Purified water upto – 100 ml | R _x
Tetracycline HCl – 250 mg
Take along with milk. |
|---|--|
- 5 a) Write the diagnostic uses of radiopharmaceuticals. 7
b) Discuss the procedure of percolation process for extraction of crude drugs. 7
- OR**
- c) Write about the official medicinal gases and their uses. 8
d) Define the following: 6
i) Decoction
ii) Infusion
iii) Tincture.
