

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]
(2125)

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B. Pharmacy 1st Semester Examination

**Pharmaceutics-I (Introduction to Pharmaceutics &
Dispensing Pharmacy) (CBS)**

BP-102

Time : 3 Hours

Max. Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt one question from each section A, B, C & D. Question no. 9 section E is compulsory. All question carry equal marks. Attempt 5 questions.

SECTION - A

- (a) Write a short note on- British Pharmacopoeia and International Pharmacopoeia.
(b) Discuss in detail about Pharmacy education in India. (2×6=12)
- (a) Classify the dosage forms on the basis of its physical state.
(b) What do you understand by New Drug Delivery System? Discuss it with some examples. (2×6=12)

SECTION - B

- Write the short notes on following dosage form–
(a) Emulsions, (b) Jellies, (c) Pastes, (d) Suppositories, (e) Spray, (f) Pills. (6×2=12)
- Write short note on following dosage form–
(a) Mixtures, (b) Capsules, (c) Inhalations, (d) Lozenges, (e) Liniments, (f) Mixtures (6×2=12)

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SECTION - C

- (a) Calculate the dose for a child of 5 years, if the adult dose of a drug is 400mg.
(b) Calculate the amount of 70%, 60%, 40%, and 30% alcohol to be mixed to get 50% alcohol. (2×6=12)
- Explain the term "Prescription". Discuss about the procedure to be followed by the pharmacist while handing the prescription for compounding and dispensing. (12)

SECTION - D

- Discuss tinctures alongwith the method of preparation in detail. (12)
- Define the term– (a) Decoction, (b) Gargles, (c) Spirits, (d) Douches, (e) Infusion, (f) Extracts. (6×2=12)

SECTION - E

- Answer all the question, each question carries one mark.
(a) When was the first British Pharmacopoeia published?
(b) Give an example of the dosage form which is available in gas form.
(c) Give two differences between liniment and lotion.
(d) Give the concentration of sugar in Simple syrup IP.
(e) Give the role of glycerin in throat paints.
(f) What is Dilling's formula for calculation of dose?
(g) Define the term "Tolerance"
(h) Define the term Physical compatibility?
(i) Which formula should be used for calculating the dose for the child under the 12 years of age?
(j) Who is the father of Indian Pharmacy?
(k) Give the full form of B.N.F.
(l) Define in short-Proof Spirit. (12×1=12)