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DP—37—2022

FACULTY OF PHARMACEUTICAL SCIENCE AND TECHNOLOGY

B.Pharm. (First Year) (First Semester) EXAMINATION

MARCH/APRIL, 2023

PHARMACEUTICS-I

Paper (BP-103-T)

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(Tuesday, 21-03-2023)

Time : 10.00 a.m. to 1.00 p.m.

Time— Three Hours

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Maximum Marks—75

N.B. :— (i) All questions are compulsory.

(ii) Figures to the right indicate full marks.

(iii) Answer to the point only.

1. Solve the following :

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10×2=20

(a) Give the importance of pharmacopoeia.

(b) Write the difference between Gargles and Mouthwashes.

(c) Define Elixirs and Liniments.

(d) Write basic requirements of suspension.

(e) Give any *two* formula for calculation of dose in children.

(f) Define Semisolid dosage form.

(g) Classify emulsion.

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(h) What is proof spirit ?

(i) Why are drugs converted into dosage form ?

(j) Give ideal properties of suppository base.

2. Solve any *two* of the following :

2×10=20

(a) Define Posology. Describe various factors affecting dose of drug.

(b) What do you mean by powders ? Classify powders. Explain various methods of preparation of powders.

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(c) What is Pharmaceutical Incompatibility ? Discuss in detail therapeutic incompatibility.

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(2)

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3. Solve the following (any seven) :

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7×5=35

- (a) Differentiate between flocculated and deflocculated suspension.
- (b) Discuss in brief history of profession of pharmacy in India.
- (c) Define prescription. Write a note on Inscription and Subscription.
- (d) Give evaluation test for Semisolid dosage form.
- (e) Define Dosage forms. Give its classification.
- (f) Describe different excipients used in formulation of liquid dosage form.
- (g) Define Suppositories. Explain any two methods for preparation of Suppositories.
- (h) Write about the imperial and metric system of weight and measures.
- (i) Write in brief different methods of preparation of syrups.

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