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PY-103(N)

B. Pharm. (First Semester)
EXAMINATION, March-April, 2010

(New Scheme)

PHARMACEUTICS – I
(Introduction to Pharmaceutics)

[PY – 103(N)]

Time : Three Hours

Maximum Marks : 70

Note : Attempt any *five* questions. All questions carry equal marks.

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1. (a) Write a detailed note on history of Pharmaceutical Practice through ages. 7
(b) Write different systems of medicines. 7
2. (a) Discuss the types and applications of solid dosage forms. 7
(b) Write a note on oral route of drug administration. 7
3. (a) Give definition, formulation and manufacturing process for mouthwashes and gargles. 8
(b) Add a brief note on Aromatic waters. 6
4. (a) Define and differentiate between syrups and solutions. 7
(b) Give preparation methods and role of emulsifying agent in formulation of stable emulsions. 7

5. (a) What are suspensions ? Explain flocculated and deflocculated system in brief. 7
(b) Write a note on controlled flocculation and stability of suspensions. 7
6. (a) Prepare 2000 ml. of dilute acetic acid 40% from 65% real acetic acid solution by eigation method. 6
(b) Calculate the quantity of NaOH required to prepare 500 ml. of 25% solution. 4
(c) Convert empirical units to metric units : 4
(i) One ounce = gm
(ii) One drachm = mg
(iii) One Fl. ounce = ml
(iv) One minim = ml

7. Write short notes on any *three* of the following : 14
- (a) British Pharmacopoeia
 - (b) Infusion and decoctions
 - (c) Brief preparation methods for plant extractive
 - (d) Pharmacy in relation to allied health profession

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