

**B. Pharm. (First Semester)**  
**EXAMINATION, Dec., 2010**

**PHARMACEUTICS – I**

**(Introduction to Pharmaceutics)**

**(PY-103) rgpvonline.com**

*Time : Three Hours*

*Maximum Marks : 70*

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

1. (a) Write a detailed note on classification of pharmaceutical dosage forms with suitable example. 8
- (b) What are the different areas where the pharmacist can play a major role ? 6
2. (a) Write true/false for the following : 5
  - (i) Cresol is soluble in water.
  - (ii) Iodine is soluble in water only in presence of potassium iodide.
  - (iii) Vanishing creams are basically o/w. type emulsion.
  - (iv) Infusion method of extraction is used for hard and unorganised drug.
  - (v) Alcohol is main ingredient of simple aromatic water.
- (b) Describe in detail Soxhlet extraction process with suitable diagram. Also describe the factors which affect the procedure. 9

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3. (a) Give the formula category method of preparation of the following :  $2\frac{1}{2}$  each
  - (i) Cresol with soap solution
  - (ii) Strong lead subacetate solution
  - (iii) Chloroform water
  - (iv) Tannic acid glycerin
- (b) Fill in the blanks : 4
  - (i) 1 litre = .....fl oz.
  - (ii) 1 pound = .....gram.
  - (iii) 1 dessertspoonful = .....millilitre.
  - (iv) 1 hectogram = .....gram.
4. (a) Differentiate between the following terms :  $2\frac{1}{2}$  each
  - (i) Emulsion and suspension
  - (ii) Spirits and elixirs
  - (iii) Mucillage and jellies
  - (iv) Maceration and decoction
- (b) What are the advantages and limitations of oral route of drug administration ? 4
5. (a) Describe the Homeopathic system of medicine. 7
- (b) What are the different types of maceration process ? Explain with suitable example. 7
6. Write short notes on any two of the following : 7 each
  - (i) Types of pharmaceutical dosage forms
  - (ii) History of pharmaceutical practise
  - (iii) Pharmacopoeia
7. (a) What are the different methods for manufacturing of emulsion ? 8
- (b) Write a note on mouthwashes and gargles. 6

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