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DIPLOMA IN PHARMACY
(FINAL YEAR) (NEW)
HOSPITAL AND CLINICAL PHARMACY

Time : Three Hours]   [Maximum Marks : 80

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

1. (a) Explain the following term (any *eight*) : 8
   (i) Abscess
   (ii) Bronchiectasis
   (iii) Catatonia
   (iv) Dementia
   (v) Eczema
   (vi) Flatulance
   (vii) Glaucoma
   (viii) Gynaecomastia
   (ix) Myxoedma
   (x) Peritonitis

   (b) Define hospital pharmacy. Describe the objectives and functions of hospital pharmacy services. 8

2. (a) Describe pharmacopoeial test for cotton. 8

   (b) Describe in detail application of computers in Pharmacy. 8

3. Describe the following physiological parameters with their normal value and significance (any *four*) : 4 each

   (a) Hematocrit (PCV)

P. T. O.

(b) Haemoglubin

(c) Serum bilirubin

(d) E. S. R.

(e) D. L. C.

(f) TLL

4. (a) Define adverse drug reaction. Describe factors which influence adverse drug reaction. 8

(b) Describe distribution of medicine to inpatient. 8

5. (a) Define antidote. Classify them. Name some specific antidotes with their doses. 8

(b) Explain how metabolism and excretion of a drug affects bioavailability. 8

6. (a) What are sign and symptom of adverse effects and treatment of opioid addiction ? 8

(b) Write withdrawal syndrome and treatement of alcohol addiction. 8

7. Write short notes on any *four* of the following :
4 each

(i) Good manufacturing practices

(ii) Pharmacy and therapeutic committee

(iii) Food drug interaction

(iv) Teratogenicity

(v) Surgical dressings