Total No. of printed pages = 3

2.6

Roll No. of candidate

2022

D.Pharm Part - II End-Term Examination

HOSPITAL AND CLINICAL PHARMACY

Full Marks – 80   Time – Three hours

The figures in the margin indicate full marks for the questions.

1. Answer all questions :   (20 × 1 = 20)

   (i)   Dimercaprol (BAL) CANNOT be used in the poising with ——————.

         (a)   Arsenic

         (b)   Mercury

         (c)   Barbiturates

         (d)   Lead

   (ii) The number of beds in a medium size hospital is

         (a)   <100

         (b)   100-500

         (c)   500-1000

         (d)   ≥ 10001

   (iii) The objective of PTC is

         (a)   Advisory

         (b)   Education

         (c)   Drug safety and ADR monitoring

         (d)   All

   (iv) Paste HEPA filters are used to filter ——————

         (a)   Water

         (b)   Air

         (c)   Solutions

         (d)   Injectables

[Turn over

(v) Charcoal is_____

    (a) Mechanical antidot

    (b) Chemical antidot

    (c) Systemic antidot

    (d) Universal antidot

(vi) Invert sugar consist of equal parts of

    (a) Dextrose 2 Fructose

    (b) Fructose 2 Sucrose

    (c) Dextrose 2 Sucrose

    (d) Dextrose 2 enclose

(vii) Which one of the following is an antioxidant?

    (a) Theobroma oil

    (b) Butylated Hydroxy Anisole

    (c) Polyethylene glycol

    (d) Castor oil

(viii) Select the correct order regarding their bioavailability.

    (a) Tablet>Powder>Suspension>Solution

    (b) Solution>Suspension>Powder>Tablet

    (c) Powder>Tablet>Solution>Suspension

    (d) Powder>Tablet>Suspension>Solution

(ix) Which one of the following is a side effect of haematinics?

    (a) Constipation

    (b) Diarrhea

    (c) Pancreatitis

    (d) Steven Johnson syndrome

(x) The normal blood sugar level is_____

    (a) 80-120 mg/dl

    (b) 60-100 mg/dl

    (c) 110-140 mg/dl

    (d) ≥ 100 mg/dl

(xi) Define drug Misuse.

(xii) How many pharmacists are required for a 50-bed hospital?

(xiii) Define O.P.D. with respect to hospital pharmacy.

(xiv) Why LAL- test is performed with parenteral products?

(xv) Which pharmaceutical dosage form contains sugar solution as the vehicle?

(xvi) Tuberculosis is caused by bacteria/fungi/virus/actinomycetes (complete the line with the correct option).

(xvii) Define loss on drying CLOD).

(xviii) What is the percentage alcohol content in Elixirs?

(xix) What is a freely soluble solute?

(xx) What is Cold temperature as per ID?

2. Answer any ten questions $(10 \times 3 = 30)$

  (a) Write general treatment for poisoning.

  (b) Explain interactions of tetracycline with metal ions.

  (c) Write the importance of blood sugar and blood cholesterol in detail.

  (d) Differentiate between grand mat and petit mal epilepsy.

  (e) Give reasons for patient non-compliance.

  (f) How inventory can be controlled using computers?

  (g) Explain and draw layout of sterile area.

  (h) What are the objectives 2 functions of hospital pharmacy?

  (i) Write the patho-phyciology of Diabetes.

  (j) Write a note on Surgical Dressing.

  (k) Explain the role of PTC in hospitals

3. Answer any six of the following questions $(6 \times 5 = 30)$

  (a) Explain factors affecting drug bioavailability.

  (b) Discuss in detail drug induced diseases.

  (c) Discuss various dosage forms used in the practice of medicine.

  (d) Discuss the role of clinical pharmacist in healthcare team in detail.

  (e) Discuss the salient features of a hospital formulary system.

  (f) Explain the drug distribution system of impatients.

  (g) Write in details about the addictive drugs 2 their treatment.