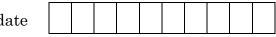
Total No. of printed pages = 4

2.6

Roll No. of candidate



2021

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 the following questions : $(20 \times 1 = 20)$
 - (i) The number of pharmacists required for a 100-beded hospital is
 - (a) 3
 - (b) 5
 - (c) 8
 - (d) 10

(ii) SWFI stands for _____.

- (a) Sweet water for injection.
- (b) Sterile water for injection.
- (c) Safe water for injection.
- (d) Saccharine water for injection.
- (iii) Freezing point depression method is used to adjust the ———— of WFI.
 - (a) pH
 - (b) Tonicity
 - (c) Melting point
 - (d) Sterility

- (iv) LAL-test is used for detection of in parenteral products.
 - (a) Sterility
 - (b) Pyrogens
 - (c) pH

(v)

- (d) Potency
- are concentrated aqueous preparations of sugar and medicinal.
- (a) Solution
- (b) Suspension
- (c) Syrup
- (d) Liniments
- (vi) Which of the following formulations contains alcohol?
 - (a) Syrup
 - (b) Elixir
 - (c) Suspension
 - (d) Cream
- (vii) Wool fat is a type of ointment base.
 - (a) Absorption
 - (b) Water soluble
 - (c) Hydrocarbon
 - (d) Water miscible
- (viii) Soft paraffin is a type of ointment base.
 - (a) Absorption
 - (b) Water soluble
 - (c) Hydrocarbon
 - (d) Water miscible
- (ix) Butylated Hydroxy Anisole (BHA) is an example of
 - (a) Emulsifier
 - (b) Preservative
 - (c) Antioxidant
 - (d) Colour
- (x) Theobroma oil is a base material for the preparation on
 - (a) Suppository
 - (b) Ointment
 - (c) Jelly
 - (d) Paste

- (xi) When approximately 30-100 parts of a solvent is required to dissolve one part of solute, the solute is <u>_____</u> in the solvent.
 - (a) Freely soluble
 - (b) Soluble
 - (c) Sparingly soluble
 - (d) Slightly soluble
- (xii) The temperature between 2-8°C is known as
 - (a) Cold temperature
 - (b) Cool temperature
 - (c) Room Temperature
 - (d) Refrigerator temperature
- (xiii) Which of the following causes drowsiness?
 - (a) Diazepam
 - (b) Ampicillin
 - (c) Antacid
 - (d) Azithromycin
- (xiv) Which of the following causes constipation?
 - (a) Diazepam
 - (b) Ampicillin
 - (c) Aluminium hydroxide
 - (d) Azithromycin
- (xv) Choose the correct option regarding Analeptics.
 - (a) Stimulate the CNS.
 - (b) Depresses the CNS.
 - (c) Cause joint pain.
 - (d) Treat muscular pain.
- (xvi) Which of the following disease is caused by virus?
 - (a) Tuberculosis
 - (b) Asthma
 - (c) Hepatitis B
 - (d) Diabetes
- (xvii) Seizure is a symptom of the following disease.
 - (a) Epilepsy
 - (b) Asthma
 - (c) Tuberculosis
 - (d) Cancer

(xviii) The normal pulse rate in adults is _____

- (a) 60-80/min
- (b) 130-140/min
- (c) 100-130/min
- (d) 65 to 80 /min
- (xix) MAO inhibitors should not be taken with
 - (a) Food rich in tyramine
 - (b) Acidic fruits
 - (c) Basic foods
 - (d) Fatty foods
- (xx) Water soluble vitamin
 - (a) Vitamin A
 - (b) Vitamin C
 - (c) Vitamin D
 - (d) Vitamin K

2. Answer any *six* of the following questions

- (a) Describe various functions of a hospital.
- (b) Describe the various functions of hospital pharmacy.
- (c) Enlist the advantages of satellite pharmacy services in hospitals.
- (d) Discuss the factors affecting economy of a hospital.
- (e) Describe the role of pharmacist in patient counselling.
- (f) Write short notes on
 - (i) Leaker test of parenteral products.
 - (ii) Clarity test of parenteral products.
- (g) Write in short about ointment bases.
- (h) Point out the function and scope of the Pharmacy and Therapeutic Committee (PTC).
- (i) Show the components of I.V. set with a neat diagram and their functions.
- 3. Answer any *three* of the following questions :
 - (a) Describe the responsibilities of hospital pharmacist for in patient pharmacy department.
 - (b) Describe the various production facilities required for manufacture of sterile products in a hospital.
 - (c) Explain the Pathophysiology and Signs and Symptoms of Tuberculosis.
 - (d) Give the causes of drug interactions and describe its various sites.
 - (e) Write a note on Drug Induced Diseases.

 $(6 \times 5 = 30)$

 $(3 \times 10 = 30)$