Total No. of printed pages = 4

2.6

Roll No. of candidate

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

1.   Answer the following questions :   (20 × 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

[Turn over

(iv) LAL-test is used for detection of ———————— in parenteral products.

    (a) Sterility

    (b) Pyrogens

    (c) pH

    (d) Potency

(v) ———————— 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 —————— 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   (6 × 5 = 30)

    (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 :   (3 × 10 = 30)

    (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.

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