Question Paper Preview

Question Paper Name: Pharmacy 10th May 2018 Shift1
Subject Name: Pharmacy
Duration: 120

Pharmacy

Display Number Panel: Yes
Group All Questions: No

Question Number : 1 Question Id : 2203601801 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Special identification test for isobarbaloin is _____.

Options :

1. Cupraloin

2. Modified borntrager

3. Borax

4. Borntrager

Question Number : 2 Question Id : 2203601802 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Father of plant tissue culture was _____.

Options :

1. Carlson

2. Haberlandt

3. Cocking

4. Murashige

Question Number : 3 Question Id : 2203601803 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Moisture content of crude drug was determined by following methods except

Options :

1. Chromic acid- nitric acid reaction

2. Karl Fischer reaction

3. Loss on drying

4. Azeotropic method

Question Number : 4 Question Id : 2203601804 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Quinovic acid is a _____.

Options :

1. Flavonol

2. triterpene

3. alkaloid

4. fatty acid

Question Number : 5 Question Id : 2203601805 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Caffeine inhibits the _____ enzyme.

Options :

1. $Na^+ - K^+$ ATP ase

2. Phosphodiesterase

3. Transpeptidase

4. Adenosine deaminase

Question Number : 6 Question Id : 2203601806 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Glycerrhizin is a _____.

Options :

1. Flavonol

2. triterpene

3. alkaloid

4. fatty acid

Question Number : 7 Question Id : 2203601807 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is a very potent oxytocic.

Options :

1. Caffeine

2. Ergometrine

3. Morphine

4. Strychnine

Question Number : 8 Question Id : 2203601808 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

NH_4NO_3 is used in the following plant growth medium.

Options :

1. White

2. MS

3. Heller's

4. B5

Question Number : 9 Question Id : 2203601809 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The drug containing steroidal saponin glycosides is

Options :

1. Liquorice

2. Dioscorea

3. Rhubarb

4. Cascara

Question Number : 10 Question Id : 2203601810 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Guggulsterones Z and E responsible for antihyperlipidemic activity of Guggul are _____.

Options :

1. Ketoacids

2. Ketosteroids

3. Ketoalcohols

4. Ketoesters

Question Number : 11 Question Id : 2203601811 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which one of the following is the synonym of chenopodium oil?

Options :

1. Dinkum oil

2. American wormseed oil

3. Indian Melissa oil

4. Formosa oil

Question Number : 12 Question Id : 2203601812 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ashoka belongs to which family?

Options :

1. *Leguminosae*

2. *Euphorbiaceae*

3. *Flacourtriaceae*

4. *Gramineae*

Question Number : 13 Question Id : 2203601813 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The trichomes in cotton are

Options :

1. Unicellular, flattened and ribbon like

2. Multicellular, thickened and ribbon like

3. Unicellular, circular and ribbon like

4. Multicellular, circular and ribbon like

Question Number : 14 Question Id : 2203601814 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Meat tenderizing enzyme is _____.

Options :

1. Papain

2. Pepsin

3. Pancreatin

4. Trypsin

Question Number : 15 Question Id : 2203601815 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A novel diterpenoid isolated from the bark of *Taxus brevifolia* is _____.

Options :

1. Decolcine

2. Paclitaxel

3. Vinblastin

4. Brevifolicin

Question Number : 16 Question Id : 2203601816 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Side effect of sodium nitroprusside is _____.

Options :

1. Thiocynate toxicity

2. Dysguesia

3. Hyperglycemia

4. Bradycardia

Question Number : 17 Question Id : 2203601817 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Lipid soluble GABA analogue is _____.

Options :

1. Vigabatrine

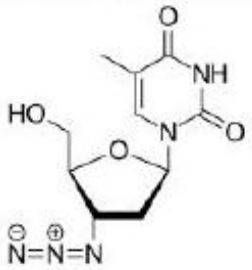
2. Gabapentin

3. Progabide

4. Tiagabin

Question Number : 18 Question Id : 2203601818 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the name of the drug for the below structure?



Options :

1. Stavudine

2. Zidovudine

3. Abacavir

4. Lamivudine

Question Number : 19 Question Id : 2203601819 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Mefenamic acid forms inactive diacid form upon

Options :

1. Oxidation

2. Reduction

3. Hydrolysis

4. Photo degradation

Question Number : 20 Question Id : 2203601820 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

1, 1-dimethylbiguanide is _____.

Options :

1. Metformin

2. Glibenclamide

3. Glipizide

4. Chlorpropamide

Question Number : 21 Question Id : 2203601821 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which one of the following does not belong to ethylenediamine class of anti histamine (H1) drugs

Options :

1. Triplennamine citrate

2. Mepyramine

3. Meclizine

4. Pyrilamine

Question Number : 22 Question Id : 2203601822 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which one among the following belongs to first generation cephalosporin?

Options :

1. Cefivitril

2. Cefipime

3. Cefixime

4. Cefalexin

Question Number : 23 Question Id : 2203601823 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

4-{4-(p-chloro phenyl)-4-hydroxy piperidinyl] -1-(4-fluorophenyl)-1-butanone is the IUPAC name of _____.

Options :

1. Propranolol

2. Droperidol

3. Trifluperidol

4. Haloperidol

Question Number : 24 Question Id : 2203601824 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Amphotericin is _____ membered ring polyene.

Options :

1. 38-

2. 36-

3. 26-

4. 28-

Question Number : 25 Question Id : 2203601825 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following anxiolytic is a benzodiazepine derivative?

Options :

1. Buspirone

2. Chlordiazepoxide

3. Meprobamate

4. Chloral hydrate

Question Number : 26 Question Id : 2203601826 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

L-proline is used in the synthesis of _____.

Options :

1. benazepril

2. trandolapril

3. ramipril

4. captopril

Question Number : 27 Question Id : 2203601827 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Praziquantel acts by the following mechanism.

Options :

1. Blocking acetylcholine transmission at the myoneural junction and paralysis of helminthes

2. Inhibiting microtubule synthesis in helminthes and irreversible impairment of glucose uptake

3. Increasing cell membrane permeability for calcium, resulting in paralysis, dislodgement and death of helminthes

4. Inhibiting oxidative phosphorylation in some species of helminthes

Question Number : 28 Question Id : 2203601828 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ has more selectivity towards COX-2 enzyme.

Options :

1. aspirin

2. ibuprofen

3. indomethacin

4. paracetamol

Question Number : 29 Question Id : 2203601829 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Tocopherol is also known as _____.

Options :

1. Vitamin E

2. Vitamin D

3. Vitamin C

4. Vitamin A

Question Number : 30 Question Id : 2203601830 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The heterocycle present in atropine is _____.

Options :

1. azabicyclo[3.2.1]octane

2. azabicyclo[2.2.1]octane

3. azabicyclo[3.2.2]octane

4. azabicyclo[3.2.3]octane

Question Number : 31 Question Id : 2203601831 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Zonisamide blocks _____ channels.

Options :

1. L – type calcium

2. Sodium

3. Sodium and L – type calcium

4. Sodium and T – type calcium

Question Number : 32 Question Id : 2203601832 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Chemically Penicillins are _____.

Options :

1. 3-acylamino -6,6-dimethyl penam -6-carboxylate

2. 3-acylamino -6,6-dimethyl cepham-3-carboxylate

3. 6-acylamino -2,2-dimethyl penam -3-carboxylate

4. 6-acylamino -2,2-dimethyl penam -3-carboxylate

Question Number : 33 Question Id : 2203601833 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Transferrin is a _____.

Options :

1. Lipoprotein

2. Glycoprotein

3. Fibrous protein

4. Globular protein

Question Number : 34 Question Id : 2203601834 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

One of the following has a bicyclic nuleus in its structure

Options :

1. Clidinium chloride

2. Pyridostigmine

3. Tropicamide

4. Echothiophate iodide

Question Number : 35 Question Id : 2203601835 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The limit test for sulphate is carried out on the basis of the reaction between

Options :

1. Sodium chloride & soluble chlorides

2. Sodium chloride & soluble sulphates

3. Barium sulphate & soluble chlorides

4. Barium chloride & soluble sulphates

Question Number : 36 Question Id : 2203601836 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The structure of morphine can be modified to diamorphine by the addition of following.

Options :

1. One methyl group

2. Two methyl groups

3. Two acetyl groups

4. Two hydroxyl groups

Question Number : 37 Question Id : 2203601837 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Aspirin exhibits highest selectivity towards the following

Options :

1. COX-2

2. COX-1

3. MAO-1

4. MAO-2

Question Number : 38 Question Id : 2203601838 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Identify the anti-aromatic compound from the following.

Options :

1. Napthelene

2. Thiophene

3. Cyclopentadienyl cation

4. Tropylium ion

Question Number : 39 Question Id : 2203601839 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The antihistamine with diphenyl methyl group is _____.

Options :

1. Methdilazine

2. Cyclizine hydrochloride

3. Pheniramine

4. Phenindamine

Question Number : 40 Question Id : 2203601840 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following polypeptide contain 21 aminoacids?

Options :

1. Insulin

2. Glucagon

3. Amylin

4. Somatotropine

Question Number : 41 Question Id : 2203601841 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the strength of a mixture obtained by mixing 50 g of a 5%, 100 g of a 7.5%, and 40 g of a 10% ointment?

Options :

1. 7.5%

2. 7.37%

3. 7.43%

4. 74.3%

Question Number : 42 Question Id : 2203601842 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In which of the granulator particles are coated under high vacuum?

Options :

1. CF granulator

2. Topo granulator

3. Fluid bed spray granulator

4. Vacuum granulator

Question Number : 43 Question Id : 2203601843 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following undergoes a phase I hydrolysis reaction?

Options :

1. Ethanol

2. Morphine

3. Lignocaine

4. Diazepam

Question Number : 44 Question Id : 2203601844 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which property is classified as colligative?

Options :

1. Solubility of a solute

2. Osmotic pressure

3. Hydrogen ion (H+) concentration

4. Dissociation of a solute

Question Number : 45 Question Id : 2203601845 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Reynolds number describes

Options :

1. Ratio of the viscous or frictional and inertial forces

2. Ratio of the inertial and viscous or frictional forces

3. Ratio of the inertial and gravitational forces

4. Ratio of the gravitational and viscous or frictional forces

Question Number : 46 Question Id : 2203601846 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If the Carr's index of a powder is 10%, then the type of powder flow is _____.

Options :

1. Poor

2. Excellent

3. Very poor

4. Good

Question Number : 47 Question Id : 2203601847 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A person with bacterial pneumonia received erythromycin intravenously to achieve the minimum plasma erythromycin concentration of 20 mg/L. What would be the intravenous dose of erythromycin if volume of distribution is 40 L?

Options :

1. 80 mg

2. 800 mg

3. 8 mg

4. 0.8 mg

Question Number : 48 Question Id : 2203601848 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The tear secretion contains _____ antibacterial enzyme.

Options :

1. Zymase

2. Diastase

3. Lysozyme

4. Lipase

Question Number : 49 Question Id : 2203601849 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Dose dumping is a problem in formulation of _____.

Options :

1. Compressed tablets

2. Suppositories

3. Soft gelatin capsules

4. Controlled release drug product

Question Number : 50 Question Id : 2203601850 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A super disintegrant used in tablet formulation is _____

Options :

1. Starch

2. Sodium starch glycolate

3. Polyvinyl pyrrolidone

4. Magnesium silicate

Question Number : 51 Question Id : 2203601851 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Cyclodextrin is a _____.

Options :

1. Cyclic dextrose

2. Cyclic sucrose

3. Cyclic oligomer of glucose

4. Cylclogen

Question Number : 52 Question Id : 2203601852 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Statement-1: Compartment modelling helps in predicting the drug concentration time profile in both normal and diseased states.

Statement-2: Similar compartment models can be used for all drugs in different routes of administration

Read the statements above and choose correct option.

Options :

1. Both the statements are true

2. Statement 1 is false and statement 2 is true

3. Statement 1 is true and statement 2 is false

4. Both the statements are false.

Question Number : 53 Question Id : 2203601853 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The concentration of resorcinol used in hair tonics as an antiseptic is _____.

Options :

1. Less than 2%

2. Less than 1%

3. Less than 1.5%

4. Less than 4%

Question Number : 54 Question Id : 2203601854 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

This is an example of water soluble suppository base

Options :

1. Theobroma oil

2. Glyceryl esters

3. Poly ethylene glycol

4. Witepsol bases

Question Number : 55 Question Id : 2203601855 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Match the following.

i. Effervescent tablets	a. Meant to keep under tongue
ii. Sublingual tablets	b. Meant for chewing in mouth
iii. Dispensing tablets	c. In presence of water produce carbon dioxide
iv. Lozenges	d. Meant to dissolve in liquid before use

Options :

1. i-d, ii-b, iii-a,iv-d

2. i-c, ii-a, iii-d, iv-b

3. i-a, ii-d, iii-b, iv-c

4. i-b, ii-c, iii-a, iv-d

Question Number : 56 Question Id : 2203601856 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The order of moisture barrier capacity for different plastics foils is

Options :

1. Polyvinyl chloride < Polyester < Aclar < Polyethylene

2. Polyvinyl chloride < Polyester < Polyethylene < Aclar

3. Polyvinyl chloride < Aclar < Polyethylene < Polyester

4. Polyethylene < Polyester < Polyvinyl chloride < Aclar

Question Number : 57 Question Id : 2203601857 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Given below are equipment used in the manufacture of pharmaceutical products.

Match the following.

i. Zenasi	a) Granules
ii. Autoclave	b) Tablet coating
iii. Chilsonator	c) Capsule
iv. Accela cota	d) Injectables

Options :

1. i-c, ii-d, iii-a, iv-b

2. i-a, ii-b, iii-d, iv-c

3. i-d, ii-c, iii-b, iv-a

4. i-d, ii-c, iii-a, iv-b

Question Number : 58 Question Id : 2203601858 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The angle between liquid droplet and surface over which it spreads is known as _____.

Options :

1. Wetting angle

2. Contact angle

3. Slide angle

4. Angle of repose

Question Number : 59 Question Id : 2203601859 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Lugol solution contain 5% w/v of iodine. How much amount of lugol solution is administered to the patient thrice daily to provide 60 mg of Iodine daily?

Options :

1. 0.2 ml

2. 0.3 ml

3. 0.4 ml

4. 0.5 ml

Question Number : 60 Question Id : 2203601860 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What will be the peak plasma concentration obtained by administering 60 mg of drug (V_d = 0.41 kg) to a body weighing 40 kg

Options :

1. 2.22 mg/L

2. 3.33 mg/L

3. 2.46 mg/L

4. 2.73 mg/L

Question Number : 61 Question Id : 2203601861 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Cryoscopic method of calculation of isotonicity is based on

Options :

1. Freezing point depression

2. Boiling point elevation

3. Molecular weight

4. Osmotic pressure

Question Number : 62 Question Id : 2203601862 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In which extraction process, crude drug is imbibed initially by soaking into menustrum for few hours?

Options :

1. simple percolation

2. double maceration

3. triple maceration

4. infusion

Question Number : 63 Question Id : 2203601863 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Measuring zeta potential is useful in determining which property of a liquid formulation?

Options :

1. stability

2. viscosity

3. particle size

4. solubility

Question Number : 64 Question Id : 2203601864 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The time or dose required for the microbial population to decline by one decimal point is

Options :

1. Z value

2. D value

3. F value

4. F_0 value

Question Number : 65 Question Id : 2203601865 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Crystallization of sugar in syrup can be avoided by an addition of _____.

Options :

1. water

2. polyhydric alcohol

3. glycerol

4. saccharin

Question Number : 66 Question Id : 2203601866 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The rate of drug bioavailability is very high when the drug is formulated as _____.

Options :

1. dispersible tablet

2. hard gelatin capsule

3. soft gelatin capsule

4. immediate release tablet

Question Number : 67 Question Id : 2203601867 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A drug (100 mg dose) administered in tablet form and as intravenous injection (50 mg dose) showed AUC of 200 and 400 microgram hr/mL, respectively. The absolute availability of the drug through oral administration is

Options :

1. 12.5%

2. 250 %

3. 25%

4. 1.25%

Question Number : 68 Question Id : 2203601868 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Water attack test is performed on following glass

Options :

1. Type-I

2. Type-II

3. Type-III

4. Type-IV

Question Number : 69 Question Id : 2203601869 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which statement is incorrect for polymorphism?

Options :

1. It exist in more than one crystalline form

2. Polymorphic substances have different melting points and solubility

3. Polymorphic substances are chemically non-identical

4. Polymorphic substances shows different X-ray diffraction pattern

Question Number : 70 Question Id : 2203601870 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the polymer is used as a film-former in nail polish?

Options :

1. Nitrocellulose

2. Polylactic acid

3. Hydroxypropyl methylcellulose

4. Cellulose acetate phthalate

Question Number : 71 Question Id : 2203601871 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following Schedule relates with list of minimum equipment for the efficient running of a pharmacy?

Options :

1. Schedule O

2. Schedule N

3. Schedule M

4. Schedule Y

Question Number : 72 Question Id : 2203601872 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Import of drug for personnel use contain average doses up to _____.

Options :

1. 100

2. 150

3. 200

4. no limit

Question Number : 73 Question Id : 2203601873 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Morphine belongs to Schedule _____ of Drugs and Cosmetics Act 1940.

Options :

1. N

2. Y

3. X

4. H

Question Number : 74 Question Id : 2203601874 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Standards for mechanical contraceptives are given under Schedule _____.

Options :

1. S

2. R

3. Q

4. T

Question Number : 75 Question Id : 2203601875 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following test organism is used in determination of RWC of a black fluid as per Schedule O of Drugs & Cosmetics Rules 1945.

Options :

1. *Staphylococcus aureus*

2. *Bacillus subtilis*

3. *Salmonella typhi*

4. *Escherichia coli*

Question Number : 76 Question Id : 2203601876 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Alzheimer's disease is characterized by the deposition of _____ protein.

Options :

1. Alpha amyloid

2. Beta amyloid

3. Gamma amyloid

4. Amyloid precursor

Question Number : 77 Question Id : 2203601877 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Identify the alkylating agent from the following drugs.

Options :

1. Rifampicin

2. Cyclophosphamide

3. Methotrexate

4. Allopurinol

Question Number : 78 Question Id : 2203601878 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following drug is used to prevent the dose limiting toxicity of ifosphamide?

Options :

1. Mesna

2. Mensa

3. Acrolein

4. Pyridoxine

Question Number : 79 Question Id : 2203601879 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which vitamin present in spinach and broccoli antagonizes the effect of warfarin?

Options :

1. Vitamin A

2. Vitamin C

3. Vitamin K

4. Vitamin B

Question Number : 80 Question Id : 2203601880 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is having connections to CNS through cranio sacral outflow?

Options :

1. Enteric Nervous System

2. Somatic Nervous System

3. Sympathetic Nervous System

4. Parasympathetic Nervous System

Question Number : 81 Question Id : 2203601881 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Histamine mediated bronchoconstriction is mainly mediated through _____ receptors.

Options :

1. H1

2. H2

3. H3

4. H4

Question Number : 82 Question Id : 2203601882 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is a first line drug for treating asthma?

Options :

1. Theophylline

2. Montelucast

3. Salmeterol

4. Aspirin

Question Number : 83 Question Id : 2203601883 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following anti estrogen used to treat infertility?

Options :

1. Tamoxifen

2. Raloxifene

3. Clomifene

4. Estradiol

Question Number : 84 Question Id : 2203601884 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Topoisomerase II inhibitor used to treat lung cancer is _____.

Options :

1. Etoposide

2. Cisplatin

3. Nalidixic acid

4. Methotrexate

Question Number : 85 Question Id : 2203601885 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following drug is indicated for TDM ?

Options :

1. Paracetamol

2. Losartan

3. Lithium

4. Loperamide

Question Number : 86 Question Id : 2203601886 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is having platelet aggregation activity ?

Options :

1. Aspirin

2. TXA2

3. LT 4

4. Histamine

Question Number : 87 Question Id : 2203601887 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is Class I anti arrhythmic drug?

Options :

1. Atenolol

2. Procainamide

3. Salmeterol

4. Nifidipine

Question Number : 88 Question Id : 2203601888 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Euphoria is mediated through _____ receptors.

Options :

1. Kappa

2. Mu

3. Delta

4. Sigma

Question Number : 89 Question Id : 2203601889 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following anti muscarinic drug is used to treat COPD?

Options :

1. Tiotropium

2. Atropine

3. Hyoscine

4. Theophylline

Question Number : 90 Question Id : 2203601890 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following neurotransmitter is involved in migraine?

Options :

1. Adrenaline

2. Acetyl choline

3. 5-HT

4. Dopamine

Question Number : 91 Question Id : 2203601891 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following agent acts as selective serotonin reuptake inhibitor?

Options :

1. Maprotiline

2. Imipramine

3. Mianserin

4. Fluoxetine

Question Number : 92 Question Id : 2203601892 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Rifampicin act through _____.

Options :

1. RNA dependent DNA polymerase

2. DNA dependent RNA polymerase

3. mRNA

4. TNF-α

Question Number : 93 Question Id : 2203601893 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Mechanism of action of cephalosporins involves the inhibition of _____.

Options :

1. N-lactamates

2. Peptide synthesis

3. Trans peptidase enzymes

4. Synthesis of cytoplasmic membrane

Question Number : 94 Question Id : 2203601894 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which one of the following is antidote for organophosphate poisoning?

Options :

1. Dyflos

2. Ecothiopate

3. Neostigmine

4. Pralidoxime

Question Number : 95 Question Id : 2203601895 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ketamine and phencyclidine are selective blocking agents for _____ receptors.

Options :

1. GABAA

2. AMPA

3. NMDA

4. Kinate

Question Number : 96 Question Id : 2203601896 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following functional group shows intense IR absorption band

Options :

1. C = O

2. C = C

3. C – H

4. C – C

Question Number : 97 Question Id : 2203601897 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following can be used as an indicator electrode in redox titration

Options :

1. Platinum electrode

2. Glass electrode

3. Silver electrode

4. Combined glass electrode

Question Number : 98 Question Id : 2203601898 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the normality of concentrated sulphuric acid (98% w/v)?

Options :

1. 36.8 N

2. 49 N

3. 98 N

4. 1.8 N

Question Number : 99 Question Id : 2203601899 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Dimethyl glyoxime is used as precipitating agent in gravimetry for the determination of _____.

Options :

1. Cu

2. Ca

3. Ni

4. Cd

Question Number : 100 Question Id : 2203601900 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

KCN can be used as masking agent for cations of _____.

Options :

1. Calcium

2. Copper

3. Manganese

4. Lead

Question Number : 101 Question Id : 2203601901 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the official assay method for API of aspirin according to IP 2018?

Options :

1. Non-aqueous titration

2. Back titration with NaOH

3. HPLC

4. GC

Question Number : 102 Question Id : 2203601902 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following indicator is used for detection of end point in titration of strong acid with strong base.

Options :

1. Phenolphthalein

2. Methyl orange

3. Methyl red

4. Bomothymol blue

Question Number : 103 Question Id : 2203601903 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The acetic anhydride is added during the preparation of 0.1 M perchloric acid is _____.

Options :

1. to increase the solubility of perchloric acid

2. to increase the acidity of acetic acid

3. to remove the traces of water

4. to remove the levelling effect of acetic acid

Question Number : 104 Question Id : 2203601904 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The units for wavenumber are _____.

Options :

1. cm

2. nm

3. cm^{-1}

4. Fresnd

Question Number : 105 Question Id : 2203601905 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If % transmission is zero, then the absorbance is _____.

Options :

1. Zero

2. 1

3. 2

4. infinity

Question Number : 106 Question Id : 2203601906 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ can itself act as an indicator.

Options :

1. Potassium permanganate

2. Methylene blue

3. Zincon

4. Variamine blue

Question Number : 107 Question Id : 2203601907 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Separation of mixture on a special grade paper in the presence of an electric field is _____.

Options :

1. paper dialysis

2. paper electrophoresis

3. ultra filtration

4. paper chromatography

Question Number : 108 Question Id : 2203601908 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

For a conductometric titration, cell constant determination _____.

Options :

1. is not necessary

2. is essential

3. is not possible

4. does not lead to accuracy

Question Number : 109 Question Id : 2203601909 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The difference between the experimental mean and a true value is termed as _____.

Options :

1. Measured mean value

2. Standard error

3. Absolute error

4. Average deviation

Question Number : 110 Question Id : 2203601910 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The correct order of increasing polarity of solvents is _____.

Options :

1. n-hexane < chloroform < ethyl acetate < water

2. ethyl acetate < n-hexane < water < chloroform

3. chloroform < ethyl acetate < n-hexane < water

4. water < ethyl acetate < chloroform < n-hexane

Question Number : 111 Question Id : 2203601911 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Molarity of 6.5% (w/v) solution of a chemical with molecular weight of 325.6 is _____.

Options :

1. 0.1996M

2. 0.3256M

3. 0.2116M

4. 0.6500M

Question Number : 112 Question Id : 2203601912 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following chromophore having π electrons undergo π→ π* transitions?

Options :

1. Ethane

2. Halogens

3. Ethylene

4. Oxygen atom

Question Number : 113 Question Id : 2203601913 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In reverse phase HPLC, the stationary phase and mobile phase respectively are _____.

Options :

1. Polar & Polar

2. Nonpolar & polar

3. Polar & Nonpolar

4. Nonpolar & Nonpolar

Question Number : 114 Question Id : 2203601914 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How many grams of NaCl is required to prepare 250 ml of 2500 ppm NaCl solution?

Options :

1. 0.550 g

2. 0.625 g

3. 0.875 g

4. 0.425 g

Question Number : 115 Question Id : 2203601915 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

One nanometer (nm) is equal to _____.

Options :

1. 10^{10} cm

2. 10^{-4} cm

3. 10^{-7} cm

4. 10^{-9} cm

Question Number : 116 Question Id : 2203601916 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The glass electrode used in pH measurements is _____ electrode.

Options :

1. Metal-metal oxide

2. Membrane

3. Ion selective

4. Silver-silver chloride

Question Number : 117 Question Id : 2203601917 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the concentration (g/mL) of unknown solution of caffeine that gave an absorbance of 1.022 in 2.0 cm cell, while the absorbance of caffeine solution of 0.01318 gm/mL at 272 nm was 0.854 in 1 cm cell?

Options :

1. 0.0078

2. 0.078

3. 0.78

4. 7.8

Question Number : 118 Question Id : 2203601918 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Solvents that are chemically inert and work as catalyst are _____.

Options :

1. Aprotic

2. Protogenic

3. Amphiprotic

4. Protophilic

Question Number : 119 Question Id : 2203601919 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Reducing agent is the one who _____

Options :

1. Loses the electrons

2. Gains the electrons

3. Loses the protons

4. Loses the neutrons

Question Number : 120 Question Id : 2203601920 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The time taken for a particular compound to travel through the column to the detector is _____.

Options :

1. Retention time
2. Retention factor
3. Void time
4. Run time