

Question Paper Preview**Notations :**

- Options shown in green color and with ✓ icon are correct.
- Options shown in red color and with ✗ icon are incorrect.

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Protractor Required?: No

Display Number Panel:

Yes

Group All Questions:

No

Question Number : 1 Question Id : 5113466001 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Formation of a covalent link between an enzyme inhibitor and an enzyme causes:

Options :

- ✗ Competitive inhibition
- ✗ Non-competitive inhibition
- ✓ Irreversible inhibition
- ✗ Reversible inhibition

Question Number : 2 Question Id : 5113466002 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Anaerobic glycolysis of one molecule of glucose produces:

Options :

1. ✓ 2 ATP molecules
2. ✗ 6 ATP molecules
3. ✗ 8 ATP molecules
4. ✗ 38 ATP molecules

Question Number : 3 Question Id : 5113466003 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Carnitine acyltransferase I is inhibited by:

Options :

1. ✗ Acetyl-CoA
2. ✓ Malonyl-CoA
3. ✗ Hydroxyacyl-CoA
4. ✗ Fatty acyl-carnitine

Question Number : 4 Question Id : 5113466004 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

One of the following intermediate products of the Urea cycle is formed in the mitochondrial matrix of liver:

Options :

1. ✗ Arginine
2. ✗ Fumarate
3. ✓ Carbamoyl phosphate
4. ✗ Argininosuccinate

Question Number : 5 Question Id : 5113466005 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is a disease caused by the defective purine metabolism:

Options :

1. ✖ Type II Diabetes
2. ✖ Orotic aciduria
3. ✖ Atherosclerosis
4. ✔ Gout

Question Number : 6 Question Id : 5113466006 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is an example of Type B Adverse drug reaction:

Options :

1. ✖ Bleeding from Warfarin
2. ✖ Nausea from Digoxin
3. ✔ Breast necrosis from Warfarin
4. ✖ Ataxia from Phenytoin

Question Number : 7 Question Id : 5113466007 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Therapeutic Drug Monitoring is not required for:

Options :

1. ✖ Lithium
2. ✖ Theophylline
3. ✖ Gentamicin
4. ✔ Omeprazole

Question Number : 8 Question Id : 5113466008 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The combination of ACE inhibitors and Spironolactone can increase the risk of:

Options :

1. ✔ Hyperkalemia

2. ✖ Tachycardia
3. ✖ Bradycardia
4. ✖ Orthostatic Hypotension

Question Number : 9 Question Id : 5113466009 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Ingestion of tyramine-rich foods should be avoided with:

Options :

1. ✖ Tetracyclines
2. ✔ Monoamine oxidase inhibitors
3. ✖ Anti-coagulants
4. ✖ Beta blockers

Question Number : 10 Question Id : 5113466010 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which one of the following statements is TRUE:

Options :

1. ✖ Serum creatinine is a biochemical marker to measure hepatic impairment
2. ✖ Aminoglycosides are prescribed at higher doses during renal impairment
3. ✔ Estimate GFR is used for maintenance drug dose adjustment in chronic renal failure
4. ✖ Estimate GFR is used for maintenance drug dose adjustment in liver cirrhosis

Question Number : 11 Question Id : 5113466011 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is used to determine the size distribution of particles in suspension:

Options :

1. ✔ Photon correlation spectroscopy
2. ✖ Nitrogen-adsorption isotherm

3. ✖ Liquid displacement method

4. ✖ Air permeability method

Question Number : 12 Question Id : 5113466012 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A solid is nonporous, when:

Options :

1. ✖ The true density is greater than the granule density

2. ✖ The granule density is greater than the true density

3. ✔ The true and granule densities are identical

4. ✖ The ratio of the true density to the granule density is 0.5

Question Number : 13 Question Id : 5113466013 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following has a lower HLB value:

Options :

1. ✔ Antifoaming agents

2. ✖ Detergents

3. ✖ Solubilizing agents

4. ✖ Wetting agents

Question Number : 14 Question Id : 5113466014 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Bingham bodies exhibits:

Options :

1. ✖ Pseudoplastic flow

2. ✖ Dilatant flow

3. ✖ Newtonian flow

4. ✓ Plastic flow

Question Number : 15 Question Id : 5113466015 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Clathrates are:

Options :

1. ✗ Channel-type compounds
2. ✓ Cage-type compounds
3. ✗ Layer-type compounds
4. ✗ Channel lattice-type compounds

Question Number : 16 Question Id : 5113466016 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The half-life of a second-order reaction is:

Options :

1. ✗ Directly proportional to the initial concentration of the reactant
2. ✗ Independent of the initial concentration of the reactant
3. ✗ Inversely proportional to the square of the initial concentration of the reactant
4. ✓ Inversely proportional to the initial concentration of the reactant

Question Number : 17 Question Id : 5113466017 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is commonly used as a W/O emulgent:

Options :

1. ✗ Polyoxyethylene sorbitan monooleate
2. ✗ Triethanolamine oleate
3. ✗ Acacia
4. ✓ Sorbitan monooleate

Question Number : 18 Question Id : 5113466018 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Roller compaction is a:

Options :

1. ✖ Wet granulation process
2. ✔ Dry granulation process
3. ✖ Direct compression process
4. ✖ Drying process

Question Number : 19 Question Id : 5113466019 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The moisture content of the hard gelatin capsule shell should range between:

Options :

1. ✔ 13-16% w/w
2. ✖ 3-6% w/w
3. ✖ 20-25% w/w
4. ✖ 1-3% w/w

Question Number : 20 Question Id : 5113466020 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A mixture of organic acids and sodium bicarbonate is commonly used in the formulation of:

Options :

1. ✖ Chewable tablets
2. ✖ Sublingual tablets
3. ✖ Lozenges
4. ✔ Effervescent Tablets

Question Number : 21 Question Id : 5113466021 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

One of the following aerosol containers is not suitable for high pressure aerosol formulations:

Options :

1. ✖ Tin-free steel containers
2. ✖ Aluminum containers
3. ✖ Stainless steel containers
4. ✔ Uncoated glass containers

Question Number : 22 Question Id : 5113466022 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In an aerosol bottle valve assembly, Delrin is used to manufacture:

Options :

1. ✔ Housing
2. ✖ Dip tube
3. ✖ Gasket
4. ✖ Spring

Question Number : 23 Question Id : 5113466023 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

One of the following ingredients is used to increase the residence time of an ophthalmic solution in the eye:

Options :

1. ✖ Benzalkonium chloride
2. ✔ Hydroxypropylmethylcellulose
3. ✖ Benzethonium chloride
4. ✖ Sodium metabisulphite

Question Number : 24 Question Id : 5113466024 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Hydrous Lanolin is an example for:

Options :

1. ✗ O/W emulsion ointment bases
2. ✗ Oleaginous ointment bases
3. ✗ Water-miscible ointment bases
4. ✓ W/O emulsion ointment bases

Question Number : 25 Question Id : 5113466025 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is used to measure the melting time of the entire suppository:

Options :

1. ✗ Micromelting range test
2. ✗ Softening time test
3. ✓ Macromelting range test
4. ✗ Liquefaction time test

Question Number : 26 Question Id : 5113466026 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

LAL test for parenterals is usually performed at:

Options :

1. ✗ 37 °C for 120 min
2. ✗ 25 °C for 60 min
3. ✗ 37 °C for 180 min
4. ✓ 37 °C for 60 min

Question Number : 27 Question Id : 5113466027 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Total parenteral nutrition emulsions are administered:

Options :

1. ✗ Subcutaneously
2. ✗ Intramuscularly
3. ✗ Intraperitoneally
4. ✓ Intravenously

Question Number : 28 Question Id : 5113466028 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In the sugar coating process, desired color to the tablet is imparted during

Options :

1. ✓ Smoothing
2. ✗ Subcoating
3. ✗ Sealing
4. ✗ Finishing

Question Number : 29 Question Id : 5113466029 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is not used as a solvent in nail lacquer remover preparations:

Options :

1. ✗ Acetone
2. ✗ Ethyl acetate
3. ✓ Hexane
4. ✗ Isopropyl alcohol

Question Number : 30 Question Id : 5113466030 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Zinc pyrithione is commonly used in shampoo preparations as:

Options :

1. ✖ Conditioning agent
2. ✖ Foam stabilizer
3. ✖ Opacifying agent
4. ✔ Antidandruff agent

Question Number : 31 Question Id : 5113466031 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

One of the following ingredients is added to the toothpaste formulation to prevent the paste from drying out and hardening to an unacceptable level:

Options :

1. ✖ Calcium carbonate
2. ✔ Sorbitol
3. ✖ Sodium Saccharin
4. ✖ Sodium Fluoride

Question Number : 32 Question Id : 5113466032 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Mascara is applied to the:

Options :

1. ✔ Eyelashes
2. ✖ Eyelids
3. ✖ Eyebrows
4. ✖ Lips

Question Number : 33 Question Id : 5113466033 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Intravenous administration of Immunoglobulins to a patient is an example of:

Options :

1. ✖ Naturally acquired active immunity
2. ✖ Artificially acquired active immunity
3. ✖ Naturally acquired passive immunity
4. ✔ Artificially acquired passive immunity

Question Number : 34 Question Id : 5113466034 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Oral polio vaccine is:

Options :

1. ✖ An inactivated vaccine
2. ✖ A killed vaccine
3. ✔ An attenuated vaccine
4. ✖ A toxoid vaccine

Question Number : 35 Question Id : 5113466035 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The sterilizing action of ethylene oxide is based on:

Options :

1. ✖ Oxidation reaction
2. ✖ Carboxylation reaction
3. ✖ Redox reaction
4. ✔ Alkylation reaction

Question Number : 36 Question Id : 5113466036 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is not used as a biological indicator for sterilization processes:

Options :

1. ✓ *Escherichia coli*
2. ✗ *Bacillus stearothermophilus*
3. ✗ *Geobacillus stearothermophilus*
4. ✗ *Bacillus subtilis*

Question Number : 37 Question Id : 5113466037 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

As per I.P., *Micrococcus luteus* is used as a test organism for microbiological assay of:

Options :

1. ✗ Tetracycline
2. ✓ Bacitracin
3. ✗ Nystatin
4. ✗ Gentamicin

Question Number : 38 Question Id : 5113466038 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

According to I.P., one of the following media is suitable for the culture of fungi:

Options :

1. ✗ Fluid Thioglycollate Medium
2. ✗ Alternative Thioglycollate Medium
3. ✓ Soyabean-casein digest medium
4. ✗ Thioglycollate Medium

Question Number : 39 Question Id : 5113466039 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

One of the following statements is INCORRECT about Hybridoma technology:

Options :

1. ✗ Hybridomas are formed by the fusion of B cells and Myeloma cells

2. ✓ Hybridomas are fused in HAT medium
3. ✗ Hybridomas produce Monoclonal antibodies
4. ✗ Hybridoma fusion can be mediated using polyethylene glycol

Question Number : 40 Question Id : 5113466040 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Absorption of lipids in the small intestine is facilitated by:

Options :

1. ✓ Passive diffusion
2. ✗ Active transport
3. ✗ Carrier-mediated transport
4. ✗ Facilitated diffusion

Question Number : 41 Question Id : 5113466041 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

One of the following statements is TRUE about aqueous solubility of a drug:

Options :

1. ✗ Amorphous form has lower solubility than the crystalline form
2. ✗ Anhydrous form has lower solubility than the hydrates
3. ✓ Metastable polymorphs have greater solubility than the stable polymorphs
4. ✗ Hydrates have greater solubility than the organic solvates

Question Number : 42 Question Id : 5113466042 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Non-compartmental pharmacokinetic analysis is based on:

Options :

1. ✗ Mathematical models
2. ✗ Physiologic models

3. ✓ Statistical moments theory

4. ✗ Michaelis-Menten kinetic theory

Question Number : 43 Question Id : 5113466043 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

One of the following is not utilized to calculate absorption rate constants from plasma data:

Options :

1. ✗ Wagner-Nelson method

2. ✓ Sigma-minus method

3. ✗ Peeling technique

4. ✗ Feathering technique

Question Number : 44 Question Id : 5113466044 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Minimum number of half-lives required to reach steady state plasma concentration after continuous infusion of the maintenance dose of a drug:

Options :

1. ✗ 1-2

2. ✗ 2-3

3. ✗ 6-8

4. ✓ 4-5

Question Number : 45 Question Id : 5113466045 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In a bioequivalence study, statistical evaluation is not required for:

Options :

1. ✓ T_{max}

2. ✗ Peak serum concentration

3. ✗ AUC

4. ✖ C_{max}

Question Number : 46 Question Id : 5113466046 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The upper limit of a dose-response curve indicates:

Options :

1. ✖ Therapeutic index
2. ✖ Drug potency
3. ✔ Drug efficacy
4. ✖ Change in response per unit dose

Question Number : 47 Question Id : 5113466047 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is the drug of choice in the treatment of Status epilepticus:

Options :

1. ✔ Lorazepam
2. ✖ Carbamazepine
3. ✖ Clonazepam
4. ✖ Topiramate

Question Number : 48 Question Id : 5113466048 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is not an ocular hypotensive drug:

Options :

1. ✖ Acetazolamide
2. ✖ Timolol
3. ✖ Brimonidine
4. ✔ Ephedrine

Question Number : 49 Question Id : 5113466049 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Hydralazine is:

Options :

1. ✖ Venous dilator
2. ✔ Arterial dilator
3. ✖ High ceiling diuretic
4. ✖ Centrally acting sympatholytic

Question Number : 50 Question Id : 5113466050 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Mannitol acts as an Osmotic diuretic only when administered:

Options :

1. ✖ Orally
2. ✔ Intravenously
3. ✖ Intraperitoneally
4. ✖ Subcutaneously

Question Number : 51 Question Id : 5113466051 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Is a prokinetic drug:

Options :

1. ✔ Domperidone
2. ✖ Promethazine
3. ✖ Haloperidol
4. ✖ Ondansetron

Question Number : 52 Question Id : 5113466052 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

One of the following is not an inhaled glucocorticoid for asthma therapy:

Options :

1. ✗ Beclomethasone dipropionate
2. ✗ Budesonide
3. ✗ Fluticasone
4. ✓ Prednisolone

Question Number : 53 Question Id : 5113466053 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is a non-sedating antihistamine:

Options :

1. ✓ Fexofenadine
2. ✗ Promethazine
3. ✗ Chlorpheniramine
4. ✗ Meclizine

Question Number : 54 Question Id : 5113466054 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Aspirin is strictly contraindicated in one of the following disorders:

Options :

1. ✗ Acute rheumatic fever
2. ✓ Haemophilia
3. ✗ Postmyocardial infarction
4. ✗ Rheumatoid arthritis

Question Number : 55 Question Id : 5113466055 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is not a goitrogen:

Options :

1. ✖ Thiocyanate
2. ✖ Carbimazole
3. ✔ Sodium Iodide
4. ✖ Lithium

Question Number : 56 Question Id : 5113466056 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is an intermediate-acting insulin:

Options :

1. ✖ Insulin lispro
2. ✖ Insulin glargine
3. ✖ Regular Insulin
4. ✔ NPH Insulin

Question Number : 57 Question Id : 5113466057 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

One of the following exhibits weak anabolic activity:

Options :

1. ✖ Stanozolol
2. ✔ Danazol
3. ✖ Methandienone
4. ✖ Testosterone

Question Number : 58 Question Id : 5113466058 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Emergency postcoital contraceptive combined pill contains:

Options :

1. ✖ Only Ethinyl estradiol
2. ✖ Norethindrone and Levonorgestrel
3. ✔ Levonorgestrel and Ethinyl estradiol
4. ✖ Mifepristone and Levonorgestrel

Question Number : 59 Question Id : 5113466059 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

An example of pyrimidine antagonist:

Options :

1. ✖ Azathioprine
2. ✖ Fludarabine
3. ✖ Clofarabine
4. ✔ Cytarabine

Question Number : 60 Question Id : 5113466060 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Imatinib is used for:

Options :

1. ✔ Chronic Myeloid Leukemia
2. ✖ Chronic Lymphocytic Leukemia
3. ✖ Hodgkin Lymphoma
4. ✖ Multiple Myeloma

Question Number : 61 Question Id : 5113466061 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Mechanism of action of Tacrolimus is similar to:

Options :

1. ✖ Cyclophosphamide
2. ✔ Cyclosporine
3. ✖ Azathioprine
4. ✖ Mycophenolate Mofetil

Question Number : 62 Question Id : 5113466062 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

One of the following anticoagulants is safe to use in pregnancy:

Options :

1. ✖ Warfarin
2. ✖ Dabigatran
3. ✔ Low molecular weight heparin
4. ✖ Phenindione

Question Number : 63 Question Id : 5113466063 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is not used to lower triglycerides in the blood:

Options :

1. ✖ Niacin
2. ✖ Rosuvastatin
3. ✖ Fenofibrate
4. ✔ Cholestyramine

Question Number : 64 Question Id : 5113466064 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Selegiline is a:

Options :

1. ✓ Selective irreversible monoamine oxidase B inhibitor
2. ✗ Selective irreversible monoamine oxidase A inhibitor
3. ✗ Nonselective reversible monoamine oxidase B inhibitor
4. ✗ Nonselective irreversible monoamine oxidase A inhibitor

Question Number : 65 Question Id : 5113466065 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is an Analeptic:

Options :

1. ✗ Cocaine
2. ✗ Methylphenidate
3. ✓ Doxapram
4. ✗ Modafinil

Question Number : 66 Question Id : 5113466066 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

One of the following is used as an indicator in oxidation-reduction titrations:

Options :

1. ✗ Thymol blue
2. ✗ Methyl orange
3. ✗ Eriochrome Black T
4. ✓ Methylene blue

Question Number : 67 Question Id : 5113466067 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following approaches utilize thermal decomposition to monitor the sample's mass:

Options :

1. ✓ Volatilization gravimetry

2. ✖ Precipitation gravimetry
3. ✖ Electrogravimetry
4. ✖ Particulate gravimetry

Question Number : 68 Question Id : 5113466068 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Precision of a measurement is affected by:

Options :

1. ✖ Systematic errors
2. ✔ Random errors
3. ✖ Determinate errors
4. ✖ Personal errors

Question Number : 69 Question Id : 5113466069 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is an example of Secondary standard:

Options :

1. ✖ Sodium chloride
2. ✖ Sodium oxalate
3. ✔ Sodium hydroxide
4. ✖ Sodium carbonate

Question Number : 70 Question Id : 5113466070 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following types of ELISA has a higher sensitivity:

Options :

1. ✖ Direct ELISA
2. ✖ Indirect ELISA

3. ✖ Counting ELISA
4. ✔ Sandwich ELISA

Question Number : 71 Question Id : 5113466071 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In Potentiometry, Electrodes of the First Kind are considered as:

Options :

1. ✖ Reference electrodes
2. ✔ Metallic Indicator electrodes
3. ✖ Glass-membrane electrodes
4. ✖ Ion-selective electrodes

Question Number : 72 Question Id : 5113466072 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is not a component of Filter fluorometer:

Options :

1. ✔ Monochromator
2. ✖ Excitation filter
3. ✖ Secondary filter
4. ✖ Photomultiplier tube

Question Number : 73 Question Id : 5113466073 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

One of the following elements is not detectable by Flame photometry:

Options :

1. ✖ Sodium
2. ✖ Lithium
3. ✔ Chlorine

4. ✖ Barium

Question Number : 74 Question Id : 5113466074 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In Polarography, the relation between the diffusion current and the concentration of the depolarizer is explained by:

Options :

- 1. ✖ Nernst equation
- 2. ✔ Ilkovic equation
- 3. ✖ Ohm's law
- 4. ✖ Stokes shift

Question Number : 75 Question Id : 5113466075 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

On the basis of Wood Ward-Fieser Rules, parent value for α , β -unsaturated aldehydes is:

Options :

- 1. ✖ 215 nm
- 2. ✖ 253 nm
- 3. ✖ 202 nm
- 4. ✔ 210 nm

Question Number : 76 Question Id : 5113466076 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is known as the Fingerprint region in an IR spectrum:

Options :

- 1. ✔ $1300 \text{ to } 400 \text{ cm}^{-1}$
- 2. ✖ $4000 \text{ to } 1300 \text{ cm}^{-1}$
- 3. ✖ $2200 \text{ to } 400 \text{ cm}^{-1}$

4. ✖ 2200 to 2600 cm^{-1}

Question Number : 77 Question Id : 5113466077 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In gas chromatography, a suitable carrier gas for an electron capture detector is:

Options :

- 1. ✖ Hydrogen
- 2. ✖ Synthetic air
- 3. ✔ Helium
- 4. ✖ Argon

Question Number : 78 Question Id : 5113466078 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A hydrophobic stationary phase is combined with a polar mobile phase in:

Options :

- 1. ✖ Normal-phase HPLC
- 2. ✔ Reversed-phase HPLC
- 3. ✖ Size-exclusion HPLC
- 4. ✖ Ion-exchange HPLC

Question Number : 79 Question Id : 5113466079 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The separation in SDS-PAGE is based on:

Options :

- 1. ✖ Shape
- 2. ✖ Charge
- 3. ✔ Molecular weight
- 4. ✖ pH

Question Number : 80 Question Id : 5113466080 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is not a component in Karl Fischer reagent:

Options :

1. ✓ Hydrochloric acid
2. ✗ Pyridine
3. ✗ Sulphur dioxide
4. ✗ Methanol

Question Number : 81 Question Id : 5113466081 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is an ex-officio member in the Pharmacy Council of India:

Options :

1. ✗ A representative of the University Grants Commission
2. ✓ The Director of the Central Drugs Laboratory
3. ✗ A representative of the All India Council for Technical Education
4. ✗ The Director of the Medical Council of India

Question Number : 82 Question Id : 5113466082 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

As per the Narcotic Drugs and Psychotropic Substances Act, 1985, punishment for contravention in relation to commercial quantity of opium poppy and opium involves:

Options :

1. ✗ Imprisonment for not less than six months
2. ✗ Imprisonment for not less than five years
3. ✓ Imprisonment for not less than ten years

4. ✖ Imprisonment for not less than one year

Question Number : 83 Question Id : 5113466083 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A price fixed by the Government for Scheduled formulations in accordance with the provisions of Drug Price Control Order is called as:

Options :

1. ✔ Ceiling Price

2. ✖ Retail Price

3. ✖ Maximum retail price

4. ✖ Wholesale Price

Question Number : 84 Question Id : 5113466084 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

According to Drugs and Cosmetic Act, a drug shall be deemed to be Spurious if:

Options :

1. ✖ It consists, in whole or in part, of any filthy, putrid or decomposed substance

2. ✖ If it is not labelled in the prescribed manner

3. ✖ If it contains any harmful or toxic substance which may render it injurious to health

4. ✔ If it is imported under a name which belongs to another drug

Question Number : 85 Question Id : 5113466085 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

As per Drugs and Cosmetic Act, regulations and standards for Vaccines is included under:

Options :

1. ✖ Schedule F(II)

2. ✔ Schedule F(I)

3. ✖ Schedule F(III)

4. ✖

Question Number : 86 Question Id : 5113466086 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In case of benzodiazepine class of sedative hypnotics, the presence of a phenyl ring at 5th position:

Options :

1. ✖ Results in decrease in the potency
2. ✖ Will not alter the activity
3. ✔ Results in increase in the activity
4. ✖ Results in total loss of activity

Question Number : 87 Question Id : 5113466087 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The sedative activity in barbiturates is retained, only when:

Options :

1. ✖ Position-5 is mono substituted
2. ✖ Position-5 is unsubstituted
3. ✖ One of the hydrogen atoms at position-5 is replace with alkyl group
4. ✔ Both hydrogen atoms at position-5 are replaced with alkyl or aryl groups

Question Number : 88 Question Id : 5113466088 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Haloperidol belongs to the following class:

Options :

1. ✖ Phenothiazines
2. ✔ Butyrophenones
3. ✖ Benzazepines

4. ✖ Thiothixenes

Question Number : 89 Question Id : 5113466089 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Choose the correct statement:

Options :

- 1. ✖ Dextro and levo isomers of amphetamine are equipotent
- 2. ✔ d-amphetamine is ten times more potent than l-amphetamine
- 3. ✖ l-amphetamine is ten times more potent than d-amphetamine
- 4. ✖ l-amphetamine has less cardiovascular side effects than d-amphetamine

Question Number : 90 Question Id : 5113466090 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Nifedipine, calcium channel blocker belongs to the following chemical class:

Options :

- 1. ✖ Arylalkylamines
- 2. ✖ Benzothiazepines
- 3. ✔ Dihydropyridines
- 4. ✖ Diaminopropanol ether

Question Number : 91 Question Id : 5113466091 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is not a prodrug:

Options :

- 1. ✖ Enalapril
- 2. ✖ Benazepril
- 3. ✔ Captopril
- 4. ✖ Ramipril

Question Number : 92 Question Id : 5113466092 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

An antilipidemic agent, which acts by inhibiting HMG-CoA reductase:

Options :

1. ✓ Simvastatin
2. ✗ Probucol
3. ✗ Colestipol
4. ✗ β -Sitosterol

Question Number : 93 Question Id : 5113466093 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Choose the CORRECT statement:

Options :

1. ✗ Procaine is more rapidly metabolized than Chlorprocaine
2. ✗ Chlorprocaine has longer duration of action than procaine
3. ✓ Chlorprocaine is more susceptible to ester hydrolysis than procaine
4. ✗ Procaine is used as topical local anesthetic

Question Number : 94 Question Id : 5113466094 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Chemical name of diphenhydramine is:

Options :

1. ✗ 2-(diphenylethoxy)-N,N-dimethylethanamine
2. ✗ 2-(diphenylmethoxy)-N,N-diethylethanamine
3. ✗ 2-(diphenylmethoxy)-N,N-dimethylpropanamine
4. ✓ 2-(diphenylmethoxy)-N,N-dimethylethanamine

Question Number : 95 Question Id : 5113466095 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

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Imipramine is:

Options :

1. ✗ Reversible inhibitor of MAO-A (RIMA)
2. ✓ Serotonin transport inhibitor (SERTI)
3. ✗ Selective norepinephrine transporter (NET) inhibitor
4. ✗ Selective norepinephrine reuptake inhibitor

Question Number : 96 Question Id : 5113466096 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Diphenylhydantoin is prepared by reaction of the following compounds:

Options :

1. ✗ Benzil and thiourea
2. ✓ Benzil and urea
3. ✗ Benzoin and thiourea
4. ✗ Benzoin and urea

Question Number : 97 Question Id : 5113466097 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Methicillin is:

Options :

1. ✗ Sensitive to inactivation by Penicillinase
2. ✗ Resistant to inactivation by moisture
3. ✗ Resistant to acid (pH of about 2)
4. ✓ Sensitive to inactivation by moisture but resistant to Penicillinase

Question Number : 98 Question Id : 5113466098 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

β -(Acylamino)ethyl moiety is present in the following sulfonyl urea class of hypoglycemic agent:

Options :

1. ✗ Tolbutamide
2. ✓ Glyburide
3. ✗ Gliclazide
4. ✗ Carbutamide

Question Number : 99 Question Id : 5113466099 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Propanolol, a β -blocker, is synthesized from:

Options :

1. ✓ 1-naphthol and epichlorohydrin
2. ✗ 2-naphthol and propylamine
3. ✗ 1-naphthol and methylepichlorhydrine
4. ✗ 2-naphthol and isopropylamine

Question Number : 100 Question Id : 5113466100 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Choose the CORRECT pair:

Options :

1. ✗ Methotrexate: Alkylating agent
2. ✗ Cyclophosphamide: Antimetabolite
3. ✓ Doxorubicin: Topoisomerase-II inhibitor
4. ✗ Vincristine: Protein kinase inhibitor

Question Number : 101 Question Id : 5113466101 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

When compared to Acetylcholine, Acetyl- α -methylcholine has:

Options :

1. ✖ Greater nicotinic and muscarinic activity
2. ✖ Greater nicotinic and less muscarinic activity
3. ✖ Less nicotinic and greater muscarinic activity
4. ✔ Decreased nicotinic and muscarinic activity

Question Number : 102 Question Id : 5113466102 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Vitamin E deficiency causes:

Options :

1. ✖ Elevation of calcium levels in blood
2. ✔ Sterility in male rats
3. ✖ Elevation of serum phosphate
4. ✖ Scurvy in humans

Question Number : 103 Question Id : 5113466103 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Choose the CORRECT pair:

Options :

1. ✖ Ferrous sulphate: Topical antiseptic
2. ✖ Aluminium hydroxide gel: Dentrifice
3. ✔ Zinc oxide: Astringent
4. ✖ Calamine: Antacid

Question Number : 104 Question Id : 5113466104 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Dilute nitric acid is used in the limit test for chlorides, because:

Options :

1. ✖ It enhances the precipitation of chlorides by AgNO_3
2. ✖ It makes the opalescence clearly visible
3. ✖ Test opalescence is compared easily with standard in its presence
4. ✔ It eliminates the interference by ions such as carbonates

Question Number : 105 Question Id : 5113466105 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Menadione is:

Options :

1. ✖ Active metabolite of Phytonadione (Vitamin K1)
2. ✔ A metabolic precursor to Vitamin K2
3. ✖ Inactive metabolite of Vitamin K2
4. ✖ An anticoagulant

Question Number : 106 Question Id : 5113466106 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is an example for chemical classification of crude drugs:

Options :

1. ✔ Pilocarpus, Kola
2. ✖ Cascara, Asoka
3. ✖ Gelatin, Jalap
4. ✖ Eucalyptus, Senna

Question Number : 107 Question Id : 5113466107 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is an example for unorganized drugs:

Options :

1. ✖ Nutmeg
2. ✔ Musk
3. ✖ Ajowan
4. ✖ Podophyllum

Question Number : 108 Question Id : 5113466108 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is an example of Biofertilizer:

Options :

1. ✖ Biogas slurry
2. ✖ Press mud
3. ✖ Fish meal
4. ✔ Rhizobium

Question Number : 109 Question Id : 5113466109 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Substitution with artificially prepared substances is done in:

Options :

1. ✔ Beeswax
2. ✖ Cloves
3. ✖ Cinchona
4. ✖ Ginger

Question Number : 110 Question Id : 5113466110 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The volatile content is not less than 15% v/w in:

Options :

1. ✖ Cardamom
2. ✖ Cassia
3. ✖ Lemongrass
4. ✔ Clove

Question Number : 111 Question Id : 5113466111 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is a chromoalkaloid:

Options :

1. ✖ Caffeine
2. ✖ Coniine
3. ✔ Betanin
4. ✖ Nicotine

Question Number : 112 Question Id : 5113466112 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Binary alkaloids are present in:

Options :

1. ✖ Vasaka
2. ✔ Catharanthus
3. ✖ Opium
4. ✖ Colchicum

Question Number : 113 Question Id : 5113466113 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Stone cells/Sclereids are absent in:

Options :

1. ✔ Rauwolfia

2. ✗ Kurchi
3. ✗ Cascara
4. ✗ Aconite

Question Number : 114 Question Id : 5113466114 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is used in combination with ergotamine tartrate for the treatment of migraine:

Options :

1. ✗ Quinine
2. ✓ Caffeine
3. ✗ Lobeline
4. ✗ Emetine

Question Number : 115 Question Id : 5113466115 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is an example for anthraquinone c-glycoside:

Options :

1. ✗ Sennoside 'A'
2. ✗ Sennoside 'D'
3. ✓ Carminic acid
4. ✗ Hyperoside

Question Number : 116 Question Id : 5113466116 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The botanical name of Chinese ginseng is:

Options :

1. ✗ *Panax quinquefolius*
2. ✓ *Panax notoginseng*

3. ✖ *Panax ginseng*

4. ✖ *Panax pseudoginseng*

Question Number : 117 Question Id : 5113466117 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Kedde's test is a specific colour reaction for detection of:

Options :

1. ✖ Saponins

2. ✖ Flavonolignans

3. ✔ Cardenolides

4. ✖ Flavonoids

Question Number : 118 Question Id : 5113466118 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is a bicyclic monoterpene peroxide:

Options :

1. ✖ Camphor

2. ✖ Borneol

3. ✖ Santalol

4. ✔ Ascaridole

Question Number : 119 Question Id : 5113466119 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is one of the active ingredients used in typical preparation for the treatment of muscular and joint pains:

Options :

1. ✔ Gaultheria oil

2. ✖ Lemongrass oil

3. ✖ Jatamansi

4. ✖ Davana oil

Question Number : 120 Question Id : 5113466120 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Ferric chloride solution produces pale green colour with:

Options :

1. ✖ Cassia oil

2. ✖ Clove oil

3. ✔ Cinnamon oil

4. ✖ Tulsi oil

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