Andhra Pradesh State Council of Higher Education

Question Paper Name :	Pharmacy PY 30th Sep 2020 Shift 2
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Pharmacy (PY)

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Break time :	0
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Is this Group for Examiner? :	No
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Pharmacy (PY)

Section Id :	29996542
Section Number :	1
Mandatory or Optional :	Mandatory
Number of Questions :	120
Section Marks :	120
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	29996542
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 2999654921 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

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The roots of the following drugs effective, except_____.

Options :

1. Rauwoflia
2. Turmeric
3. Ipecacuanha
4. Aconite

Question Number : 2 Question Id : 2999654922 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Andrographolide is active constituents of _____.

Options :

1. Gentian
2. Picrorhiza
3. Chirata
4. Kalmeh

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Question Number : 3 Question Id : 2999654923 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Glycosides are condensation products of _____.

Options :

1. sugar + aglycone
2. sugar + protein
3. fats + aglycone
4. sugar + fats

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Question Number : 4 Question Id : 2999654924 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

The gum which is obtained from the endosperm of the seeds of *Cyamopsis tetragonolobus* belongs to the family?

Options :

1. Plantaginaceae

2. Leguminosae

3. Asteraceae

4. Combretaceae

Question Number : 5 Question Id : 2999654925 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Plant tissue culture technique is a redefined method of _____.

Options :

1. DNA recombination

2. hybridization

3. vegetative propagation

4. selection

Question Number : 6 Question Id : 2999654926 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following drug shows needle shaped crystals when treated with strong potassium hydroxide solution?

Options :

1. Clove

2. Fennel

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3. Cinnamon

4. Dill

Question Number : 7 Question Id : 2999654927 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

The identification test for the detection of aloes is ____

Options :

1. Shinoda test

2. Keller killani test

3. Borax test

4. Legal's test

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Question Number : 8 Question Id : 2999654928 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

An example for pentacyclic triterpenoid saponin is _____

Options :

1. Liquorice

2. Dioscorea

3. Rhubarb

4. Strophanthus

Question Number : 9 Question Id : 2999654929 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Muramidase is an enzyme belonging to

Options :

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1. Proteolytic enzyme

2. Amylolytic enzyme

3. Hydrolytic enzyme

4. Mucolytic enzyme

Question Number : 10 Question Id : 2999654930 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Source of Veegum is

Options :

1. Natural, plant

2. Natural, Animal

3. Semisynthetic, mineral

4. Natural, mineral

Question Number : 11 Question Id : 2999654931 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

The active constituent of castor oil is

Options :

1. Lauric acid

2. Myristic acid

3. Ricinoleic acid

4. Stearic acid

Question Number : 12 Question Id : 2999654932 Question Type : MCQ Display Question Number : Yes Is

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Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Morphine content in Opium is

Options :

1. Less than 0.5%

2. 10-15%

3. 1-5%

4. 5-10%

Question Number : 13 Question Id : 2999654933 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Dried latex of all of the drugs are used except

Options :

1. Opium

2. Gatta parcha

3. Papain

4. Balsam

Question Number : 14 Question Id : 2999654934 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following herb used in treatment of dropsy?

Options :

1. Rhubarb

2. Digitalis

3. Ashwagandha

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4. Clove

Question Number : 15 Question Id : 2999654935 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

A powder that can be identified by numerous paracytic stomata is:

Options :

1. Datura

2. Senna

3. Vasaka

4. Belladona

Question Number : 16 Question Id : 2999654936 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following is prodrug of ampicillin?

Options :

1. Amoxicillin

2. Pivampicillin

3. Azlocillin

4. Nafcillin

Question Number : 17 Question Id : 2999654937 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following is an enantiomeric mixture of d-hyoscyamine and l-hyoscyamine?

Options :

1. ipratropium

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2. Atropine

3. Hyoscine

4. Tropine

Question Number : 18 Question Id : 2999654938 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following COX inhibitor is classified as arylpropionic acid derivative?

Options :

1. Diclofenac

2. Ibuprofen

3. Sulindac

4. Piroxicam

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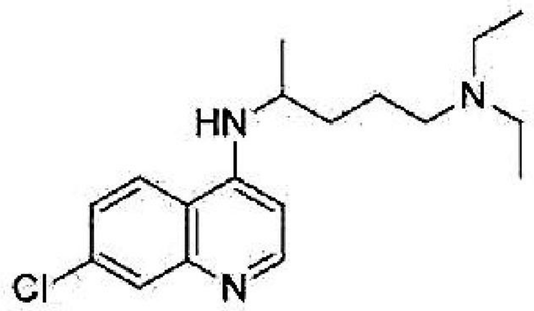
Question Number : 19 Question Id : 2999654939 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

IUPAC name of chloroquine is _____.



Chloroquine

Options :

1. N'-(7-chloroquinolin-4-yl)-N,N-diethyl-pentane-1,4-diamine

2. N'-(2-chloroquinolin-4-yl)-N,N-diethyl-pentane-1,4-diamine

3. N'-(7-chloroquinolin-4-yl)-N,N-diethyl-butane-1,4-diamine

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4. N'-(2-chloroquinolin-4-yl)-N,N-diethyl-pentane-1,6-diamine

Question Number : 20 Question Id : 2999654940 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Phenoxy methyl penicillin is more suitable for oral absorption than benzyl penicillin because _____.

Options :

1. benzyl penicillin undergo degradation in stomach acidic conditions

2. benzyl penicillin undergo rapid fist pass metabolism

3. benzyl penicillin is incompatible with milk

4. benzyl penicillin is irritant to gut wall

Question Number : 21 Question Id : 2999654941 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following is **NOT** a β-lactamase inhibitor?

Options :

1. Sulbactam

2. Aztreonam

3. Tazobactam

4. Clavulanic acid

Question Number : 22 Question Id : 2999654942 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

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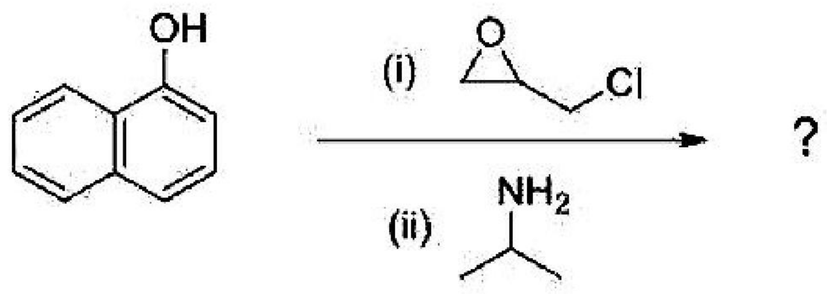
Which drug is synthesized by using the below synthetic scheme?



Options :

1. Atenolol

2. Propronolol

3. Sotolol

4. Naptholol

Question Number : 23 Question Id : 2999654943 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following is a selective COX-2 inhibitor?

Options :

1. Diclofenac

2. Ibuprofen

3. Meloxicam

4. Indomethacin

Question Number : 24 Question Id : 2999654944 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following is classified as biguanide hypoglycemic agent?

Options :

1. Glyburide

2. Metformin

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3. Miglitol

4. Rosiglitazone

Question Number : 25 Question Id : 2999654945 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Example for tricyclic H1 Receptor antagonist is_____.

Options :

1. Azatadine

2. Clamustine

3. Cyclizine

4. Doxylamine

Question Number : 26 Question Id : 2999654946 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

7,8-dihydro -6-keto derivative of morphine is _____.

Options :

1. Hydromorphine

2. Etorphine

3. Normorphine

4. Codeine

Question Number : 27 Question Id : 2999654947 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

A prodrug that releases COLTEROL on activation by lung esterase is _____.

Options :

1. Fenoterol

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2. Formoterol

3. Albuterol

4. Bitolterol

Question Number : 28 Question Id : 2999654948 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following undergoes benzylic oxidation converted into inactive benzoic acid derivative?

Options :

1. Tolbutamide

2. Glypizide

3. Glimenclamide

4. Nateglinide

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Question Number : 29 Question Id : 2999654949 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Nitroacetic acid is more acidic compared to acetic acid because of

Options :

1. Resonance effect

2. Inductive effect

3. Steric effect

4. Hydrogen bonding

Question Number : 30 Question Id : 2999654950 Question Type : MCQ Display Question Number : Yes Is

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Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

The aromatic nucleus present in naproxen is _____.

Options :

1. Benzene

2. Naphthalene

3. Anthracene

4. Pyridine

Question Number : 31 Question Id : 2999654951 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Amitryptyline is synthesized from the following starting material…

Options :

1. Phthalic anhydride

2. Terephthalic acid

3. Phthalamic acid

4. Phthalimide

Question Number : 32 Question Id : 2999654952 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Cardiac glycosides have the following configuration in the aglycone part of the steroid nucleus _____.

Options :

1. 5α, 14 α

2. 5 α, 14 β

3. 5 β, 14α

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4. 5β, 14β

Question Number : 33 Question Id : 2999654953 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Nicotine is derivative of

Options :

1. Quinoline

2. Pyrimidine

3. Pyridine

4. Isoquinoline

Question Number : 34 Question Id : 2999654954 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Captopril is an N-acylated derivative of…

Options :

1. Phenylalanine

2. Histidine

3. Leucine

4. Proline

Question Number : 35 Question Id : 2999654955 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

α1 Globulin is known as _____.

Options :

1. Orosomucoid

2. Transcortin

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3. Ceruloplasmin

4. Transferrin

Question Number : 36 Question Id : 2999654956 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Hydroxylation of Diazepam on C3 results in _____.

Options :

1. increased lipid solubility

2. increased potency

3. increased duration of action

4. increased bioavailability

Question Number : 37 Question Id : 2999654957 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Isatin is the starting material for the synthesis of _____.

Options :

1. Dibucaine

2. Mepivacaine

3. Prilocaine

4. Bupivacaine

Question Number : 38 Question Id : 2999654958 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

In cephalosporins lactam ring is fused with _____.

Options :

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1. Thiazolidine system

2. 1,3 dihydrothiazine system

3. Thiazine

4. Dehydro thiazolidine system

Question Number : 39 Question Id : 2999654959 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

4 – Methyl pyridine is oxidized and then it is heated with anhydrous hydrazine to give

Options :

1. INH

2. Pyrazinamide

3. Ethionamide

4. PAS

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Question Number : 40 Question Id : 2999654960 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

The starting materials for the synthesis of epinephrine are

Options :

1. Catechol and Chloro propyl chloride

2. Catechol and Chloro acetyl chloride

3. Catechol and Chloro ethyl chloride

4. Catechol and Chloro Methyl chloride

Question Number : 41 Question Id : 2999654961 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

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Ostwald's ripening defect is related to _____.

Options :

1. Coagulate formulation

2. Sedimentation rate

3. Crystal bridging

4. Interfacial tension

Question Number : 42 Question Id : 2999654962 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

If a drug shows small volume of distribution V_d, it is likely that this drug _____.

Options :

1. has a short biological half life

2. does not accumulate in various tissues and organs

3. not bioavailable

4. will not be effective

Question Number : 43 Question Id : 2999654963 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Coulter counter is used to determine _____.

Options :

1. Particle size

2. Particle surface area

3. Particle volume

4. Particle shape

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Question Number : 44 Question Id : 2999654964 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Cascade impactor is used to evaluate

Options :

1. Oral drug delivery system

2. Parenteral drug delivery system

3. Pulmonary drug delivery system

4. Transdermal drug delivery system

Question Number : 45 Question Id : 2999654965 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Water attack test is used for following type of glass

Options :

1. Type I

2. Type II

3. Type III

4. Type IV

Question Number : 46 Question Id : 2999654966 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Negative value of Log P indicates

Options :

1. The compound is highly soluble in water

2. The compound is highly soluble in octanol

3. The compound has equal solubility in water and octanol

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4. The compound is neither soluble in water nor in octanol

Question Number : 47 Question Id : 2999654967 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Agglomeration in aerosols can be reduced by including

Options :

1. Anionic surfactant with HLB greater than 10

2. Cationic surfactant with HLB less than 10

3. Non -ionic surfactant with HLB greater than 10

4. Non -ionic surfactant with HLB less than 10

Question Number : 48 Question Id : 2999654968 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

10 mg of drug substance in 1000 ml of solvent gives a concentration of

Options :

1. 0.01 ppm

2. 0.1 ppm

3. 100 ppm

4. 10 ppm

Question Number : 49 Question Id : 2999654969 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the capsule size has the smallest capacity?

Options :

1. 4

2. 5

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3. 0

4. 000

Question Number : 50 Question Id : 2999654970 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Wurster process used in microencapsulation is _____.

Options :

1. Coacervation-phase separation

2. Air suspension method

3. Pan coating

4. Solvent evaporation method

Question Number : 51 Question Id : 2999654971 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Plug flow problem arises in which of the following viscometers?

Options :

1. Ostwald

2. Cone and plate

3. Cup and bob

4. Falling sphere

Question Number : 52 Question Id : 2999654972 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Dimethicone is used in Shampoos as

Options :

1. Foam booster

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2. Conditioner

3. Cleansing agent

4. Stabilizer

Question Number : 53 Question Id : 2999654973 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following polymer due to its positive charge employed in ophthalmic formulation to improve the adherence time of formulation?

Options :

1. Span

2. Chitosan

3. Tween

4. Cholesterol

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Question Number : 54 Question Id : 2999654974 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Mottling means _____.

Options :

1. Inadequate spreading of coating solution

2. Partial/complete separation of bottom portion of tablet

3. Unequal distribution of colour on a tablet

4. Formation of dull film, due to excessive humidity

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Question Number : 55 Question Id : 2999654975 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Bubble point test is done to determine _____.

Options :

1. the surface tension of the liquid in capillary tubes

2. the viscosity of the liquid in ampoules

3. the pH of a 1% solution

4. the volume of the solution stored in a specified container

Question Number : 56 Question Id : 2999654976 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following inorganic compound is known as Epsom salt?

Options :

1. Zinc sulfate

2. Sodium potassium tartrate

3. Megnesium sulphate

4. Calcium hydroxide

Question Number : 57 Question Id : 2999654977 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

The coating defect associated with inadequate spreading of coating solution in coated tablets is _____.

Options :

1. Cracking

2. Blooming

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3. Orange peeling

4. Blistering

Question Number : 58 Question Id : 2999654978 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Geriatric population should be included in the following phase of clinical trials:

Options :

1. Phase I

2. Phase II

3. Phase III

4. Phase IV

Question Number : 59 Question Id : 2999654979 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. 125%

2. 250 %

3. 12.5%

4. 1.25%

Question Number : 60 Question Id : 2999654980 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

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Measurement of inulin renal clearance is a measure for

Options :

1. Effective renal blood flow

2. Renal drug excretion rate

3. Active renal secretion

4. Glomerular filtration rate

Question Number : 61 Question Id : 2999654981 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

For an ideal suspension sedimentation volume should be _____.

Options :

1. Less than one

2. Zero

3. More than one

4. Equal to one

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Question Number : 62 Question Id : 2999654982 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following organism contains periplasmic flagella?

Options :

1. *Escheria coli*

2. *Salmonella typhi*

3. *Treponema pallidum*

4. *Psudomonas aeruginosa*

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Question Number : 63 Question Id : 2999654983 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

The purity of the BCG vaccine can be identified by using the following primary dye in staining process.

Options :

1. crystal violet

2. methylene blue

3. carbolfuchsin

4. malachite green

Question Number : 64 Question Id : 2999654984 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following method doesn't kill endospores?

Options :

1. Moist heat sterilization

2. Dry heat sterilization

3. Fractional sterilization

4. Incineration

Question Number : 65 Question Id : 2999654985 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

In agglutination reactions, the antigen is a _____; in precipitation reactions, the antigen is a _____.

Options :

1. whole cell / soluble molecule

2. soluble molecule/ whole cell

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3. protein / carbohydrate

4. carbohydrate / protein

Question Number : 66 Question Id : 2999654986 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

The normal distribution of ABO groups in pooled plasma is

Options :

1. equal numbers of A & O together with at least one B or AB donations

2. equal numbers of A & B together with at least one O or AB donations

3. equal numbers of B & O together with at least one A or AB donations

4. equal numbers of A & B together with at least one O donations

Question Number : 67 Question Id : 2999654987 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following is the source of fibrinogen except

Options :

1. Dried human plasma

2. Dried human serum

3. Fresh frozen plasma

4. Fractionated plasma

Question Number : 68 Question Id : 2999654988 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

In RNA adenine normally pairs with:

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Options :

1. Cytosine

2. Guanine

3. Uracil

4. Thymine

Question Number : 69 Question Id : 2999654989 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

All the statements regarding first order reaction are true except

Options :

1. Rate is dependent on concentration

2. Half life is changing parameter

3. T90% is independent of concentration

4. Logarithm of concentration vs time yields a straight line

Question Number : 70 Question Id : 2999654990 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Number of tablets/weight of tablets required for carrying out friability test as per Indian Pharmacopoeia 2018 is

Options :

1. 5 tablets of any weight

2. 10 tablets of any weight

3. 6.5 grams of tablets if the tablet weight is less than 650 mg

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4. 20 tablets of any weight

Question Number : 71 Question Id : 2999654991 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Schedule F3 is related to the

Options :

1. Standards for production of sera

2. Standards for ophthalmic preparation

3. Standards for surgical dressing

4. Standards for sterilized umbilical tapes

Question Number : 72 Question Id : 2999654992 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Standard for disinfectant fluid comes under Schedule _____.

Options :

1. O

2. R

3. S

4. E

Question Number : 73 Question Id : 2999654993 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Indian Pharmacopoeial Laboratory is located at _____.

Options :

1. Allahabad

2. Ghaziabad

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3. Kasauli

4. New Delhi

Question Number : 74 Question Id : 2999654994 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

A drug is considered to be spurious.

Options :

1. if it consists in whole or in part of any filthy, putrid or decomposed substance

2. if it contains the color other than one which is prescribed

3. if it is not labelled in the prescribed manner

4. if it has been substituted wholly or in part by another drug substance

Question Number : 75 Question Id : 2999654995 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No 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 : 76 Question Id : 2999654996 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which vitamin is useful in the alcoholism?

Options :

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1. Pyridoxine

2. Phenobarbitone

3. Thiamine

4. Folic acid

Question Number : 77 Question Id : 2999654997 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Both alpha and beta blocker is

Options :

1. Propranolol

2. Prazosin

3. Labetalol

4. Esmolol

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Question Number : 78 Question Id : 2999654998 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of these drugs is not used for treatment of systemic fungal infection ?

Options :

1. Fluconazole

2. Ketoconazole

3. Meconazole

4. Econazole

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Question Number : 79 Question Id : 2999654999 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Mechanisms of transmembrane signaling are the following EXCEPT _____.

Options :

1. Transmembrane receptors that bind and stimulate a protein tyrosine kinase

2. Gene replacement by the introduction of a therapeutic gene to correct a genetic effect

3. Ligand-gated ion channels that can be induced to open or close by binding a ligand

4. Transmembrane receptor protein that stimulates a GTP-binding signal transducer protein (G-protein) which in turn generates an intracellular second messenger

Question Number : 80 Question Id : 2999655000 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following statement about beta blockers in hypertension is correct.

Options :

1. Propranolol is preferred to Atenolol in elderly patients

2. Beta blockers should never be combined with nifedipine

3. Beta blockers never combined with hydrochlorthiazide

4. Beta blockers should not be withdrawn abruptly

Question Number : 81 Question Id : 2999655001 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

What is insurmountable antagonism?

Options :

1. In presence of antagonist agonist will produce maximal response at higher concentrations

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2. In presence of antagonist agonist will never produce maximal response in spite of increasing agonist concentrations

3. In presence of antagonist the dose response curve for agonist shifts towards left side

4. In presence of antagonist agonist produces synergistic effects

Question Number : 82 Question Id : 2999655002 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Selective β2 - Receptor agonist is used in the treatment of

Options :

1. Asthma

2. Heart failure

3. Hypertension

4. Hypotension

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Question Number : 83 Question Id : 2999655003 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Tacrine produces beneficial effects in Alzheimers disease through

Options :

1. Inhibiting AChE

2. Activating AChE

3. Inhibiting MAO

4. Activating MAO

Question Number : 84 Question Id : 2999655004 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

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Fexofenadine is an active metabolite of one of the following

Options :

1. Loratadine
2. Rupatidine
3. Tiprolidine
4. Terfenadine

Question Number : 85 Question Id : 2999655005 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Torsades de Pointes are generally associated with _____.

Options :

1. Long QT interval
2. Long PR interval
3. Short QT interval
4. Short PR interval

Question Number : 86 Question Id : 2999655006 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Ondansetron is a _____.

Options :

1. 5-HT3 Antagonist
2. 5-HT3 Agonist
3. H1-Antagonist
4. H1-Agonist

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Question Number : 87 Question Id : 2999655007 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Therapeutic Drug Monitoring is required for following drug?

Options :

1. Isoniazid

2. Rifampicin

3. Digoxin

4. Sulphonamide

Question Number : 88 Question Id : 2999655008 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Propylthiouracil is used for the treatment of _____.

Options :

1. Hypothyroidism

2. Hyperthyroidism

3. Gynecomastia

4. Viral infections

Question Number : 89 Question Id : 2999655009 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Metabolic transformation (phase 1) is _____.

Options :

1. Acetylation and methylation of substances

2. Transformation of substances due to oxidation, reduction or hydrolysis

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3. Glucuronide formation

4. Binding to plasma proteins

Question Number : 90 Question Id : 2999655010 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Urinary tract antiseptic is _____.

Options :

1. Nalidixic acid

2. Benzylpenicillin

3. Sulfadoxine

4. Cloxacillin

Question Number : 91 Question Id : 2999655011 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following is the oral anticoagulant?

Options :

1. Heparin

2. Warfarin

3. Vitamin K

4. Danaparoid

Question Number : 92 Question Id : 2999655012 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following general anesthetics is given by inhalation route?

Options :

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1. Thiopental

2. Desflurane

3. Ketamine

4. Propofol

Question Number : 93 Question Id : 2999655013 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

High potency long duration local anesthetic is_____.

Options :

1. Tetracaine

2. Procaine

3. Lidocaine

4. Prilocaine

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Question Number : 94 Question Id : 2999655014 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Codeine acts as a cough sedative by_____.

Options :

1. Depressing cough center

2. Depressing bronchial secretion

3. Producing excess cough

4. Depressing pulmonary action

Question Number : 95 Question Id : 2999655015 Question Type : MCQ Display Question Number : Yes Is

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Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Peripherally direct acting muscle relaxant is _____.

Options :

1. Pancuronium

2. Decamethonium

3. Quinine

4. Succinylcholine

Question Number : 96 Question Id : 2999655016 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which one of the following detectors is not used in gas chromatography?

Options :

1. Flame ionization

2. Electron capture

3. Thermal conductivity

4. Bolometer

Question Number : 97 Question Id : 2999655017 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Conductivity measurement is based on the principle of _____.

Options :

1. Wheatstone bridge

2. Potentiometer

3. Meter bridge

4. Polarimeter

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Question Number : 98 Question Id : 2999655018 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following reagents is commonly used as mulling reagent in IR spectroscopy ?

Options :

1. $CHCl_3$

2. Nujol

3. Hydrocarbon

4. Chlorofluoro carbon oil

Question Number : 99 Question Id : 2999655019 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which one of the following electrodes is used in conductivity cell?

Options :

1. Dropping Mercury electrode

2. Platinum electrode

3. Calomel electrode

4. Glass electrode

Question Number : 100 Question Id : 2999655020 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

All of the given have same principle except _____.

Options :

1. HPTLC

2. GLC

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3. HPLC

4. Paper chromatography

Question Number : 101 Question Id : 2999655021 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

In Potentiometer the current passing at the balance point is _____.

Options :

1. High

2. Low

3. Medium

4. Zero

Question Number : 102 Question Id : 2999655022 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

In HPLC, the analytical performance of the column improves when _____.

Options :

1. Particle diameter is reduced

2. Particle diameter is increased

3. Coarser particle are paired with shorter columns

4. Low temperature is used

Question Number : 103 Question Id : 2999655023 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

The IR radiation source-globar, is chemically made of _____.

Options :

1. Silicon carbide

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2. Silicon disulphide

3. Zirconium oxide

4. Selenium disulphide

Question Number : 104 Question Id : 2999655024 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Substances having nearly the same Rf values can be distinguished by _____.

Options :

1. Ascending – descending method

2. 2D paper chromatography

3. Circular paper chromatography

4. Radial technique

Question Number : 105 Question Id : 2999655025 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

The factors affecting diffusion current in polarography can be denoted by _____.

Options :

1. Nernst equation

2. Ilkovic equation

3. Lamberts law

4. Mark-Houwink equation

Question Number : 106 Question Id : 2999655026 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

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Which of the following requires the most energy in IR?

Options :

1. Wagging

2. Twisting

3. Asymmetric bending

4. Asymmetric stretching

Question Number : 107 Question Id : 2999655027 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Q7 guidelines of ICH meant for _____.

Options :

1. Good laboratory practice

2. Pharmaceutical development

3. Good manufacturing practice

4. Life cycle management

Question Number : 108 Question Id : 2999655028 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

pM indicators are used in_____.

Options :

1. Acid base titrations

2. Non-aqueous titrations

3. Gravimetry

4. Complexometric titrations

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Question Number : 109 Question Id : 2999655029 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Which of the following chromophore shows strong absorption in FTIR?

Options :

1. C-H

2. C-C

3. C=C

4. C=O

Question Number : 110 Question Id : 2999655030 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

The indicator electrode used in precipitation titrations is _____.

Options :

1. Platinum

2. Silver

3. Gold

4. Calomel

Question Number : 111 Question Id : 2999655031 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Standard and test samples can be simultaneously analysed in _____.

Options :

1. HPLC

2. HPTLC

3. UHPLC

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4. GC

Question Number : 112 Question Id : 2999655032 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

The following affects the quantitative analysis in HPLC _____.

Options :

1. Tailing factor

2. Retention time

3. Capacity factor

4. Theoretical plates

Question Number : 113 Question Id : 2999655033 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Calibration of control of absorbance of UV-Visible spectrometer is performed by using_____.

Options :

1. Potassium chloride

2. Potassium dichromate

3. Holmium perchlorate

4. Potassium permanganate

Question Number : 114 Question Id : 2999655034 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

IR wave number for amine functional group is_____.

Options :

1. $2850 - 2970\ cm^{-1}$

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2. $2100 - 2300\ cm^{-1}$

3. $3300 - 3500\ cm^{-1}$

4. $3000 - 3100\ cm^{-1}$

Question Number : 115 Question Id : 2999655035 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Radiation source used in spectrofluorimeter is _____.

Options :

1. Tungsten Lamp

2. Deuterium Lamp

3. Xenon lamp

4. Sodium vapour lamp

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Question Number : 116 Question Id : 2999655036 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

_____ column is used in both reverse phase and normal phase chromatography.

Options :

1. Silica

2. Phenyl

3. Cyanide

4. End capped C-18

Question Number : 117 Question Id : 2999655037 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

The order of eluent strength of reversed phase solvents is _____.

Options :

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1. Acetonitrile < methanol < water

2. Acetonitrile > methanol > water

3. Methanol > acetonitrile > water

4. Methanol < acetonitrile < water

Question Number : 118 Question Id : 2999655038 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Halogenation in aromatic compounds _____ the fluorescence.

Options :

1. Increases

2. Inhibits

3. Reduces

4. Imparts

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Question Number : 119 Question Id : 2999655039 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

The strong peak for carbonyl compounds is obtained in IR spectroscopy at _____ cm^{-1}.

Options :

1. 3200

2. 2200

3. 1650

4. 950

Question Number : 120 Question Id : 2999655040 Question Type : MCQ Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

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The unit of magnetic field in NMR is_____.

Options :

1. Cycles/sec
2. Pulse/sec
3. Gauss
4. Tesla

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