

Andhra Pradesh State Council of Higher Education

Notations :

- 1.Options shown in green color and with ✓ icon are correct.
- 2.Options shown in red color and with ✘ icon are incorrect.

Question Paper Name :	Pharmacy 20th June 2023 Shift 2
Duration :	180
Total Marks :	200
Display Marks:	No
Share Answer Key With Delivery Engine :	Yes
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console?	Yes
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No

Show Progress Bar :	No
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

Pharmaceutics

Section Id :	418099396
Section Number :	1
Mandatory or Optional :	Mandatory
Number of Questions :	50
Section Marks :	50
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Is Section Default? :	null

Question Number : 1 Question Id : 41809919803 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The seventh edition of IP was published in the year _____.

Options :

1. ✘ 2000

2. ✘ 2013

3. ✔ 2014

4. ✘ 2015

Question Number : 2 Question Id : 41809919804 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is used as vulcanizing agent in the manufacture of rubber closure.

Options :

1. ✘ Activated carbon black

2. ✔ Sulphur

3. ✘ Talc

4. ✘ Stearic acid

Question Number : 3 Question Id : 41809919805 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Alkali leaching from glass is assessed by _____ test.

Options :

1. ✔ water attack

2. ✘ water vapour permeability

3. ✘ salt restriction

4. ✘ light transmission

Question Number : 4 Question Id : 41809919806 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Regular soda-lime glass is _____.

Options :

1. ✘ Type-IV

2. ✘ Type-III

3. ✔ Type-II

4. ✘ Type-I

Question Number : 5 Question Id : 41809919807 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following excipient act as preservative?

Options :

1. ✘ Sorbitan monolactate

2. ✘ Tyloxopol

3. ✘ Thiomersal

4. ✔ Benzethenium chloride

Question Number : 6 Question Id : 41809919808 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the use of humectant?

Options :

1. ✘ It reduces the particle size of the powder material

2. ✘ It is used to increase the thickness of the ointment

3. ✔ It is used to prevent the drying of the cream

4. ✘ It is used to increase the spread of the coat over tablet

Question Number : 7 Question Id : 41809919809 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Gelatin is used as _____.

Options :

1. ✘ encapsulating agent
2. ✘ antimicrobial agent
3. ✔ viscosity agent
4. ✘ tablet glidant

Question Number : 8 Question Id : 41809919810 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is thermoplastic?

Options :

1. ✔ Polyvinylchloride (PVC)
2. ✘ Polyurethane
3. ✘ Polyester
4. ✘ Epoxy resins

Question Number : 9 Question Id : 41809919811 Display Question Number : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Very fine powders must pass through sieve no _____.

Options :

1. ✘ 85

2. ✘ 100

3. ✘ 44

4. ✔ 120

Question Number : 10 Question Id : 41809919812 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ mill is used in size reduction of fibrous material.

Options :

1. ✘ Roller mill

2. ✘ Ball mill

3. ✔ Cutter mill

4. ✘ Rod mill

Question Number : 11 Question Id : 41809919813 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Identify the correct statement relating to cyclone separator

Options :

1. ✘ Used for separation of liquids from liquids
2. ✘ Used for separation of liquids from gases
3. ✔ Used for separation of solids from gases
4. ✘ Used for separation of solids from liquids

Question Number : 12 Question Id : 41809919814 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In which mill there is no occurrence of wear?

Options :

1. ✔ Fluid energy mill
2. ✘ Ball mill
3. ✘ Edge runner mill

4. ✘ Roller mill

Question Number : 13 Question Id : 41809919815 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In the preparation of antacid suspensions _____ are used.

Options :

1. ✘ propellers

2. ✔ paddles

3. ✘ paddles with pitch

4. ✘ turbines

Question Number : 14 Question Id : 41809919816 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Fixed oils can be extracted using _____.

Options :

1. ✘ Vacuum still

2. ✘ Fractional distillation

3. ✘ Water still

4. ✔ Molecular still

Question Number : 15 Question Id : 41809919817 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What will increase the bulk of tablets?

Options :

1. ✘ Lubricating agent

2. ✔ Diluent

3. ✘ Granulating agent

4. ✘ Organoleptic additive

Question Number : 16 Question Id : 41809919818 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is not used as enteric coating material?

Options :

1. ✘ Cellulose acetate phthalate
2. ✘ Acrylase polymers
3. ✔ Pectin
4. ✘ Polyvinyl acetate phthalate

Question Number : 17 Question Id : 41809919819 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

At what intervals, the in process quality control tests should be done during tablet compression as per GMP?

Options :

1. ✘ Not more than 45 minutes
2. ✔ Not more than 30 minutes
3. ✘ Not more than one hour
4. ✘ Not more than 15 minutes

Question Number : 18 Question Id : 41809919820 Display Question Number : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the isoelectric point pH region of type B gelatin?

Options :

1. ✘ 2–3

2. ✔ 4–5

3. ✘ 6–7

4. ✘ 8–9

Question Number : 19 Question Id : 41809919821 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following capsules size accommodates the highest volume?

Options :

1. ✘ 0

2. ✔ 000

3. ✘ 1

4. ✘ 5

Question Number : 20 Question Id : 41809919822 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Nasal drops should have pH in the range of _____.

Options :

1. ✓ 5-6
2. ✗ 6-7
3. ✗ 7-8
4. ✗ 8-9

Question Number : 21 Question Id : 41809919823 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following ingredients is used in artificial syrup?

Options :

1. ✗ Glucose
2. ✗ Sucrose
3. ✗ Fructose

4. ✓ Saccharine

Question Number : 22 Question Id : 41809919824 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Insufflations are introduced into which of these body cavities?

Options :

1. ✗ Mouth

2. ✓ Nose

3. ✗ Ear

4. ✗ Eye

Question Number : 23 Question Id : 41809919825 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the principle of freeze drying?

Options :

1. ✗ Pasteurization

2. ✗ Convection

3. ✘ Radiation

4. ✔ Sublimation

Question Number : 24 Question Id : 41809919826 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is called as aseptic area (sterile area).

Options :

1. ✔ Class 100

2. ✘ Class 1000

3. ✘ Class 10

4. ✘ Class 10000

Question Number : 25 Question Id : 41809919827 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

LAL test is used to detect _____.

Options :

1. ✘ antigens
2. ✘ microorganisms
3. ✘ antimicrobials
4. ✔ pyrogens

Question Number : 26 Question Id : 41809919828 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Small pox vaccine contains _____.

Options :

1. ✘ inactivated or killed virus
2. ✔ living virus of vaccine
3. ✘ sterile preparation of killed or fixed virus of rabies in only dried form
4. ✘ sterile suspension of killed typhoid bacilli

Question Number : 27 Question Id : 41809919829 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Toxoids are used for _____.

Options :

1. ✘ tuberculosis
2. ✘ typhoid
3. ✘ enteric fever
4. ✔ diphtheria

Question Number : 28 Question Id : 41809919830 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Lard is an example for _____ base.

Options :

1. ✔ oleogenous
2. ✘ absorption
3. ✘ emulsion
4. ✘ water soluble

Question Number : 29 Question Id : 41809919831 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A suspension is not suitable dosage form for

- A) Intra articular injection B) Intra dermal injection
C) Intra muscular injection D) Intravenous injection

Options :

1. ✘ only C is correct
2. ✘ only B is correct
3. ✘ only A is correct
4. ✔ A and D are correct

Question Number : 30 Question Id : 41809919832 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following plays vital role in drug safety in hospitals?

Options :

1. ✘ Good Hospital Practice
2. ✔ Pharmacy and Therapeutic Committee

3. ✘ Monitoring of adverse drug reactions

4. ✘ Standard operating procedure

Question Number : 31 Question Id : 41809919833 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Pharmacy and Therapeutic Committee consists of

Options :

1. ✔ 3 doctors, 1 pharmacist, 1 nursing staff and hospital administrator

2. ✘ 2 doctors, 2 pharmacists, 1 nursing staff and hospital administrator

3. ✘ 2 doctors, 1 pharmacist, 2 nursing staff and hospital administrator

4. ✘ 3 doctors, 2 pharmacists, 2 nursing staff and hospital administrator

Question Number : 32 Question Id : 41809919834 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Hospital Formulary consists of list of _____ used in the hospital

Options :

1. ✘ instruments

2. ✓ drugs

3. ✘ staff

4. ✘ patients

Question Number : 33 Question Id : 41809919835 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

FIFO is a method of valuing _____

Options :

1. ✘ company

2. ✘ documentation

3. ✓ inventory

4. ✘ assets

Question Number : 34 Question Id : 41809919836 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

EOQ stands for _____.

Options :

1. ✓ Economic order quantity
2. ✘ Equipment order quantity
3. ✘ Essential order quantity
4. ✘ Enlist order quantity

Question Number : 35 Question Id : 41809919837 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the temperature range for 'store in cool temperature'

Options :

1. ✘ 2 to 8°C
2. ✓ 8 to 25°C
3. ✘ 20 to 28°C
4. ✘ 25 to 30°C

Question Number : 36 Question Id : 41809919838 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Which of the following should not be given on dispensing label?

Options :

1. ✘ Strength of the drug

2. ✘ Quantity dispensed

3. ✔ Cause of illness

4. ✘ Name of the drug

Question Number : 37 Question Id : 41809919839 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Who are ambulatory patients?

Options :

1. ✘ Patients brought in ambulance for emergency treatment.

2. ✘ Patients required to be admitted to hospital.

3. ✔ Patients who go home after treatment

4. ✘ Patients treated in critical intensive care.

Question Number : 38 Question Id : 41809919840 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Identify the correct responsibility of community pharmacist in a hospital.

Options :

1. ✓ Supervision of drug administration
2. ✗ Supervision of following the established policies and procedures
3. ✗ Review of patient's drug administration forms
4. ✗ Reviewing the missing doses and their rescheduling and signing of documents for drugs not given.

Question Number : 39 Question Id : 41809919841 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is not the objective of budget preparation?

Options :

1. ✗ Monitoring of hospital financial activities
2. ✗ Development of standards for procurement of drugs

3. ✘ Analysis of deviation of purchase

4. ✔ Allowing over expenses

Question Number : 40 Question Id : 41809919842 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the responsibility of clinical pharmacist in patient care?

Options :

1. ✘ Supervision of drug administration

2. ✘ Providing drug information to doctors and nursing staff

3. ✔ Monitoring of drugs brought by patients into hospital

Review of patient medication history for ensuring the correct administration of

4. ✘ all doses

Question Number : 41 Question Id : 41809919843 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Pharmacy Council of India is reconstituted for every _____ years.

Options :

1. ✘ 2

2. ✘ 3

3. ✔ 5

4. ✘ 6

Question Number : 42 Question Id : 41809919844 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following Acts is passed in 1954?

Options :

1. ✘ Narcotic and Psychotropic Substance Act

2. ✔ Drug and Magic Remedies Act

3. ✘ The Medical Termination of Pregnancy Act

4. ✘ Poisonous Act

Question Number : 43 Question Id : 41809919845 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

In India, the Drug Controller General of India (DCGI) can issue an order to ban a drug on the recommendation of _____.

Options :

1. ✘ Indian Council of Medical Research
2. ✘ Pharmacy Council of India
3. ✔ Drug Technical Advisory Board
4. ✘ National Pharmaceutical Pricing Authority

Question Number : 44 Question Id : 41809919846 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Cultivation of _____ operation comes under controlled operation of Narcotic Drugs and Psychotropic Substances Act.

Options :

1. ✔ cannabis plant
2. ✘ cocoa plant
3. ✘ opium

4. ✘ poppy straw

Question Number : 45 Question Id : 41809919847 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The length of the pregnancy exceeds twelve weeks but does not exceed twenty weeks, be terminated with the consent of _____ medical practitioners

Options :

1. ✘ one

2. ✔ two

3. ✘ three

4. ✘ four

Question Number : 46 Question Id : 41809919848 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the required period for preserving the prescription of controlled drugs?

Options :

1. ✘ 14 days

2.

✘ 3 months

3. ✘ One year

4. ✔ Two years

Question Number : 47 Question Id : 41809919849 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The First Schedule to the Drugs and Cosmetics Act, 1940 deals with _____.

Options :

1. ✔ authoritative books of Ayurvedic, Sidhha and Unani Tibb system

2. ✘ standards for medical devices

3. ✘ standards for cosmetics

4. ✘ standards of the imported drugs to be complied with

Question Number : 48 Question Id : 41809919850 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The following is permitted as per Drugs and Magic Remedies Act

Options :

1. ✘ Advertisements by Registered Medical Practitioner for obesity
2. ✘ Advertisements by Registered Medical Practitioner for leukoderma
3. ✔ In public interest, the Central Government may permit prohibited advertisements.
4. ✘ A Registered Medical Practitioner can advertise for his skills on TV

Question Number : 49 Question Id : 41809919851 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

For calculation of price of bulk drugs a return of 12 % is allowed on _____ costing.

Options :

1. ✔ long term marginal
2. ✘ short term marginal
3. ✘ periodic
4. ✘ intermediate

Question Number : 50 Question Id : 41809919852 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is not an ethical act by the pharmacist?

Options :

1. ✘ Substitution of generic drug with branded drug

2. ✔ Discussion about merits and demerits of its therapeutic efficacy of the prescription

3. ✘ Referring the prescription to the prescriber for change of drug due to non-availability

4. ✘ Referring the prescription to the prescriber for incompatibility

Pharmaceutical Chemistry

Section Id :	418099397
Section Number :	2
Mandatory or Optional :	Mandatory
Number of Questions :	50
Section Marks :	50
Enable Mark as Answered Mark for Review and	Yes

Clear Response :

Maximum Instruction Time : 0

Is Section Default? : null

Question Number : 51 Question Id : 41809919853 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Lamotrizine is a

Options :

1. ✘ Alpha adrenergic blocker

2. ✔ Anti-convulsant drug

3. ✘ Anti-fungal drug

4. ✘ Cholinergic blocking agent

Question Number : 52 Question Id : 41809919854 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following enzyme is not involved in HMP shunt?

Options :

1. ✘ Transketolase

2. ✘ Phosphogluconate dehydrogenase

3. ✓ Glyceraldehyde-3-p dehydrogenase

4. ✘ Glucose-6-p-dehydrogenase

Question Number : 53 Question Id : 41809919855 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Ferrous sulfate is also known as

Options :

1. ✓ Melanterite

2. ✘ Blue vitriol

3. ✘ Caustic potash

4. ✘ Green vitriol

Question Number : 54 Question Id : 41809919856 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following belongs to Class 1A Anti-Arrhythmic Drugs

Options :

1. ✓ Quinidine

2. ✘ Alprazolam

3. ✘ Aceclofenac

4. ✘ Isosorbide

Question Number : 55 Question Id : 41809919857 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The standard solution of arsenic contains

Options :

1. ✘ Arsine

2. ✔ Arsenic oxide

3. ✘ Arsenious acid

4. ✘ Arsenic acid

Question Number : 56 Question Id : 41809919858 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Magnesium sulphate is used as

Options :

1. ✘ Dental product

2. ✔ Cathartic

3. ✘ Astringent

4. ✘ Expectorant

Question Number : 57 Question Id : 41809919859 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Aspirin is chemically

Options :

1. ✘ Indole acetic acid

2. ✔ Acetyl Salicylic acid

3. ✘ Anthranilic acid

4. ✘ Propionic acid

Question Number : 58 Question Id : 41809919860 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Fatty acids can be transported into and out of cell membrane by

Options :

1. ✘ Osmosis
2. ✘ Active transport
3. ✔ Facilitated transport
4. ✘ Diffusion

Question Number : 59 Question Id : 41809919861 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Hydrogen peroxide is used as

Options :

1. ✘ Antioxidant
2. ✔ Antiseptic
3. ✘ Acidifying agent
4. ✘ Astringent

Question Number : 60 Question Id : 41809919862 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following statements regarding T.C.A cycle is true?

Options :

1. ✘ It occurs in cytosol
2. ✔ It is amphibolic in nature
3. ✘ It contains no intermediates for Gluconeogenesis
4. ✘ It is an anaerobic process

Question Number : 61 Question Id : 41809919863 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Diazepam is a

Options :

1. ✘ Benzoic acid derivative
2. ✔ Benzodiazepine derivative
3. ✘ Benzophenone derivative
4. ✘

Benzoyl derivative

Question Number : 62 Question Id : 41809919864 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Valproic acid is used as

Options :

1. ✘ Analeptic
2. ✔ Anti-convulsant
3. ✘ Local anesthetic
4. ✘ Hypnotic

Question Number : 63 Question Id : 41809919865 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Lurasidone is an

Options :

1. ✘ Antidepressant
2. ✘ Cholinergic blocker

3. ✘ Adrenergic blocker

4. ✔ Antipsychotic

Question Number : 64 Question Id : 41809919866 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The most abundant protein in mammals is

Options :

1. ✘ Elastin

2. ✔ Collagen

3. ✘ Haemoglobin

4. ✘ Albumin

Question Number : 65 Question Id : 41809919867 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Washing soda is

Options :

1. ✘ Sodium phosphite

2. ✘ Sodium chloride

3. ✔ Sodium carbonate

4. ✘ Sodium bicarbonate

Question Number : 66 Question Id : 41809919868 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The following inhibitor binds only to the anionic site of the cholinesterase enzyme

Options :

1. ✔ Edrophonium

2. ✘ Physostigmine

3. ✘ Neostigmine

4. ✘ Tacrine

Question Number : 67 Question Id : 41809919869 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Phenylalanine is the precursor of

Options :

1. ✓ Tyrosine
2. ✗ Throxine
3. ✗ L-DOPA
4. ✗ Histamine

Question Number : 68 Question Id : 41809919870 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Identify the β -adrenergic blocker that has additional β_1 blocking, vasodilator and antioxidant properties

Options :

1. ✗ Metoprolol
2. ✗ Atenolol
3. ✓ Carvedilol
4. ✗ Propranolol

Question Number : 69 Question Id : 41809919871 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Identify the long-acting sulfonylurea

Options :

1. ✓ Glimepiride
2. ✗ Glipizide
3. ✗ Tolbutamide
4. ✗ Tolazamide

Question Number : 70 Question Id : 41809919872 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Select the β adrenergic blocker that is primarily eliminated unchanged by renal excretion

Options :

1. ✗ Tolazoline
2. ✓ Atenolol
3. ✗ Propranolol

4. ✘ Carbachol

Question Number : 71 Question Id : 41809919873 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Sulphur containing amino acid is

Options :

1. ✘ Asparagine

2. ✘ Valine

3. ✔ Methionine

4. ✘ Leucine

Question Number : 72 Question Id : 41809919874 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Chloramphenicol is a _____ antibiotic

Options :

1. ✘ Polyene

2. ✔ One amino acid

3. ✘

Polypeptide

4. ✘ Two amino acid

Question Number : 73 Question Id : 41809919875 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A carbohydrate, known commonly as invert sugar is

Options :

1. ✘ Glucose

2. ✘ Lactose

3. ✘ Fructose

4. ✔ Sucrose

Question Number : 74 Question Id : 41809919876 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Penicillin is an example of which class of antibiotic?

Options :

1. ✘ Polypeptide antibiotic

2. ✘ Nitrobenzene derivative

3. ✔ β -lactam antibiotic

4. ✘ Macrolide antibiotic

Question Number : 75 Question Id : 41809919877 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Vitamin B12 is transported in blood by

Options :

1. ✘ Transcobalamin I

2. ✔ Transcobalamin II

3. ✘ Transcortin

4. ✘ Albumin

Question Number : 76 Question Id : 41809919878 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The bladder trigone and prostatic muscles are relaxed by

Options :

1. ✘ Adrenergic α_2 antagonists

2. ✘ Adrenergic α_2 agonists

3. ✔ Adrenergic α_1 antagonists

4. ✘ Adrenergic α_1 agonists

Question Number : 77 Question Id : 41809919879 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Nitrazepam is used as

Options :

1. ✔ Sedative

2. ✘ Anti-convulsant

3. ✘ Analeptic

4. ✘ Anti-histaminic

Question Number : 78 Question Id : 41809919880 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The protein present in hair is

Options :

1. ✘ Myosin

2. ✘ Tropocollagen

3. ✘ Elastin

4. ✔ Keratin

Question Number : 79 Question Id : 41809919881 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Frusemide

Options :

1. ✘ Anti-microbial drug

2. ✘ Anti-fungal drug

3. ✔ Diuretic

4. ✘ Anti-cancer drug

Question Number : 80 Question Id : 41809919882 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Rifampicin is a semi-synthetic antibiotic derived from

Options :

1. ✓ *Streptomyces mediterranei*
2. ✗ *Streptomyces abyssomicinicus*
3. ✗ *Streptomyces griseus*
4. ✗ *Streptomyces abikoensis*

Question Number : 81 Question Id : 41809919883 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Foscarnet is an

Options :

1. ✗ Antibiotic
2. ✓ Anti-viral drug
3. ✗ Anti-fungal drug
4. ✗ Anti-bacterial drug

Question Number : 82 Question Id : 41809919884 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Ferrous thioglycollate in acidic solution shows

Options :

1. ✘ Purple
2. ✘ Yellow
3. ✔ Colourless
4. ✘ Pink

Question Number : 83 Question Id : 41809919885 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Casein, the milk protein is

Options :

1. ✘ Nucleoprotein
2. ✔ Phosphoprotein

Chromoprotein

3. ✖

Glycoprotein

4. ✖

Question Number : 84 Question Id : 41809919886 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Phenytoin is an

Options :

Analgesic

1. ✖

Anti-convulsant drug

2. ✔

Anti-depressant drug

3. ✖

Antipyretic drug

4. ✖

Question Number : 85 Question Id : 41809919887 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which is not a class of topical agents

Options :

Antimicrobial

1. ✖

2. ✘ Astringents

3. ✔ Antibiotic

4. ✘ Protectives

Question Number : 86 Question Id : 41809919888 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Cycloguanil is a

Options :

1. ✔ Dihydrofolate reductase inhibitor

2. ✘ Ribonuclease inhibitor

3. ✘ Protease inhibitor

4. ✘ Acetylcholinesterase inhibitor

Question Number : 87 Question Id : 41809919889 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

β -Carotene, precursor of vitamin A, is oxidatively cleaved by

Options :

1. ✘ Hydroxylase
2. ✘ Transferase
3. ✔ β -Carotene dioxygenase
4. ✘ Oxygenase

Question Number : 88 Question Id : 41809919890 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Dicyclomine is a

Options :

1. ✔ Anti-cholinergic drug
2. ✘ Anti-adrenergic drug
3. ✘ Anti-psychotic drug
4. ✘ Anti-anxiolytic drug

Question Number : 89 Question Id : 41809919891 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Minimum excretory urinary volume for waste products elimination during 24 hrs is

Options :

1. ✘ 800-900 ml
2. ✘ 300-400 ml
3. ✘ 200-300 ml
4. ✔ 500-600 ml

Question Number : 90 Question Id : 41809919892 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Mefenamic acid is a

Options :

1. ✘ Barbituric acid derivative
2. ✔ Anthranilic acid derivative
3. ✘ Benzoic acid derivative
4. ✘ Butanoic acid derivative

Question Number : 91 Question Id : 41809919893 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Plasma becomes milky

Options :

1. ✘ During fasting
2. ✘ Due to high level of HDL
3. ✔ After a meal
4. ✘ Due to high level of LDL

Question Number : 92 Question Id : 41809919894 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Dapsone is

Options :

1. ✘ Diphenyl sulphone
2. ✘ Diacetyl amino diphenyl sulphone
3. ✔ Diamino diphenyl sulphone

4. ✘ Dinitro diphenyl sulphone

Question Number : 93 Question Id : 41809919895 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which among the following has an imidazole group?

Options :

1. ✘ Proline

2. ✘ Hydroxy proline

3. ✘ Tryptophan

4. ✔ Histidine

Question Number : 94 Question Id : 41809919896 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Intrinsic factor is chemically a

Options :

1. ✔ Glycoprotein

2. ✘ Peptide

3.

✘ Protein

4. ✘ Mucopolysaccharide

Question Number : 95 Question Id : 41809919897 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Boric acid is used as

Options :

1. ✘ Antioxidant

2. ✘ Antacid

3. ✔ Anti-microbial agent

4. ✘ Anti-dandruff agent

Question Number : 96 Question Id : 41809919898 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Urine examination in secondary dehydration shows

Options :

1. ✘ Albuminuria

2. ✘ High specific gravity

3. ✘ Ketonuria

4. ✔ Low specific gravity

Question Number : 97 Question Id : 41809919899 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Metolazone is chemically

Options :

1. ✔ Quinazoline derivative

2. ✘ Anthranilic acid derivative

3. ✘ Benzoic acid derivative

4. ✘ Ethanoic acid derivative

Question Number : 98 Question Id : 41809919900 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Anaemia can occur due to the deficiency of all the following except

Options :

1. ✘ Folic acid

2. ✘ Cyanocobalamin

3. ✔ Thiamin

4. ✘ Pyridoxine

Question Number : 99 Question Id : 41809919901 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Duloxetine is an

Options :

1. ✘ Antibiotic

2. ✔ Anti-depressant drug

3. ✘ Anti-leprotic drug

4. ✘ Anti-tubercular drug

Question Number : 100 Question Id : 41809919902 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The plasma concentration of potassium ion is

Options :

1. ✓ 3.4-5 m.eq/ litre
2. ✘ 1.6-2.5 m.eq/litre
3. ✘ 3.0-4.0 m.eq/ litre
4. ✘ 2.0-3.5 m.eq/ litre

Pharmacognosy

Section Id :	418099398
Section Number :	3
Mandatory or Optional :	Mandatory
Number of Questions :	50
Section Marks :	50
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Is Section Default? :	null

Question Number : 101 Question Id : 41809919903 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A crude drug powder was heated with ferric chloride, water and concentrated hydrochloric acid followed by extraction with chloroform. The chloroform layer was treated with ammonia, the ammonical layer turned pink. The test indicates presence of _____ phyto constituent.

Options :

1. ✘ flavonoids
2. ✔ anthraquinone glycosides
3. ✘ indole alkaloids
4. ✘ triterpenes

Question Number : 102 Question Id : 41809919904 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Ether functional group is observed in the structure of _____.

Options :

1. ✘ menthol
2. ✘ camphor
3. ✔ cineole

4. ✘ limonene

Question Number : 103 Question Id : 41809919905 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Anisocytic or cruciferous stomata is observed in leaves of _____.

Options :

1. ✘ vasaka

2. ✘ tulasi

3. ✔ datura

4. ✘ senna

Question Number : 104 Question Id : 41809919906 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Amla belongs to _____ family.

Options :

1. ✘ Acanthaceae

2. ✘ Solanaceae

3.

✘ Amaranthaceae

4. ✔ Euphorbiaceae

Question Number : 105 Question Id : 41809919907 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Potent fibrinolytic activity is shown by _____.

Options :

1. ✔ punarnava

2. ✘ squill

3. ✘ aloe

4. ✘ podophyllum

Question Number : 106 Question Id : 41809919908 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Colchicine in Colchicum seed gives yellow color with _____.

Options :

1. ✔ concentrated HCl

2. ✘ SbCl_3 in chloroform

3. ✘ ammonia

4. ✘ iodine in KI

Question Number : 107 Question Id : 41809919909 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Low altitude (500-100 metres) is suitable for cultivation of _____.

Options :

1. ✘ tea

2. ✘ cinchona

3. ✔ cardamom

4. ✘ camphor

Question Number : 108 Question Id : 41809919910 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is an example of protoalkaloid?

Options :

1. ✘ Atropine

2. ✘ Reserpine

3. ✘ Caffeine

4. ✔ Yohimbine

Question Number : 109 Question Id : 41809919911 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the characteristic feature of trichomes present in *Digitalis purpurea*?

Options :

1. ✔ Unicellular stalk with single spherical secreting cell at the apex

2. ✘ Multicellular, uniseriate stalk and multicellular head

3. ✘ Biseriate stalk and biseriate secreting head

4. ✘ Short, unicellular stalk and head formed by a rosette

Question Number : 110 Question Id : 41809919912 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Camphor is present in _____ oil.

Options :

1. ✘ lemongrass

2. ✔ rosemary

3. ✘ gaultheria

4. ✘ mustard

Question Number : 111 Question Id : 41809919913 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Chitosan has very good _____ property.

Options :

1. ✘ cardiac protective

2. ✘ sun screen

3. ✘ immuno stimulatory

4. ✔ wound healing

Question Number : 112 Question Id : 41809919914 Display Question Number : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is a very popular phlogistic agent for inducing inflammation.

Options :

1. ✘ Gelatin
2. ✔ Carrageenan
3. ✘ Aloin
4. ✘ Pectin

Question Number : 113 Question Id : 41809919915 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A paper coated with turmeric extract gives _____ color when treated with borax solution.

Options :

1. ✘ Blue
2. ✘ Red
3. ✔ Green
- 4.

✘ Brown

Question Number : 114 Question Id : 41809919916 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Seeds of *Cyamopsis tetragonolobus* are the source of _____.

Options :

1. ✘ agar

2. ✘ alginate

3. ✘ myrrh

4. ✔ guar gum

Question Number : 115 Question Id : 41809919917 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Ipecac contains _____% of total alkaloids.

Options :

1. ✘ 1-2

2. ✔ 2-3

3. ✘ 3-4

4. ✘ 4-5

Question Number : 116 Question Id : 41809919918 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Meconic acid present in opium is identified by treating with _____ solution.

Options :

1. ✘ sulfuric acid

2. ✔ ferric chloride

3. ✘ zinc chloride

4. ✘ sodium bicarbonate

Question Number : 117 Question Id : 41809919919 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Opium is _____.

Options :

1. ✔ dried latex

2. ✘ dried gum

3. ✘ oleoresin

4. ✘ glucoresin

Question Number : 118 Question Id : 41809919920 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Cedar wood oil is used to adulterate _____.

Options :

1. ✔ peppermint oil

2. ✘ clove oil

3. ✘ oil of wintergreen

4. ✘ sandalwood oil

Question Number : 119 Question Id : 41809919921 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Tremors and slight twitching of limbs followed by sudden convulsions quickly

involving all muscles are the signs of poisoning by _____.

Options :

1. ✘ datura
2. ✘ digitalis
3. ✔ nux vomica
4. ✘ reserpine

Question Number : 120 Question Id : 41809919922 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Seed propagation method is widely used for _____.

Options :

1. ✔ aswagandha
2. ✘ saffron
3. ✘ ginger
4. ✘ aloe

Question Number : 121 Question Id : 41809919923 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Phenyl ethyl amine alkaloids are present in _____.

Options :

1. ✓ ephedra

2. ✗ jalap

3. ✗ opium

4. ✗ ipecac

Question Number : 122 Question Id : 41809919924 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is an example of a perispermic seed.

Options :

1. ✗ Soyabeen

2. ✗ Sunflower

3. ✓ Pepper

4. ✘ Cotton

Question Number : 123 Question Id : 41809919925 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Volatile oil obtained from _____ shows very good local anaesthetic properties

Options :

1. ✘ lemon grass

2. ✘ eucalyptus

3. ✔ clove

4. ✘ turpentine

Question Number : 124 Question Id : 41809919926 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Along with purine alkaloids, tea is also known for its _____ content.

Options :

1. ✘ terpene

2.

✓ tannin

3. ✗ carbohydrate

4. ✗ steroid

Question Number : 125 Question Id : 41809919927 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Gram scale isolation of natural products is usually done by using _____ chromatography.

Options :

1. ✗ gas

2. ✗ thin layer

3. ✓ column

4. ✗ paper

Question Number : 126 Question Id : 41809919928 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ gives positive reaction with 2,4 DNP reagent.

Options :

1. ✘ Santalol

2. ✔ Citral

3. ✘ Eugenol

4. ✘ Cinnamic acid

Question Number : 127 Question Id : 41809919929 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Alexandrian senna is _____.

Options :

1. ✘ *Casia angustifolia*

2. ✘ *Casia montana*

3. ✔ *Casia acutifolia*

4. ✘ *Casia obovata*

Question Number : 128 Question Id : 41809919930 Display Question Number : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Aloin is a _____ type glycoside.

Options :

1. ✓ O

2. ✗ S

3. ✗ C

4. ✗ N

Question Number : 129 Question Id : 41809919931 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Scillaridine present in red squill is used as a _____.

Options :

1. ✗ moth repellent

2. ✓ rodenticide

3. ✗ insect repellent

4. ✗ molluscide

Question Number : 130 Question Id : 41809919932 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Scrophulareaceae is known for _____ drugs producing plants.

Options :

1. ✘ anticancer
2. ✘ anti ageing
3. ✔ caridiotonic
4. ✘ CNS active

Question Number : 131 Question Id : 41809919933 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Aloe vera gel is widely used in cosmetic formulations because of its _____ activity.

Options :

1. ✔ antioxidant
2. ✘ anticancer
3. ✘ antimelanin

4. ✘ exfoliation

Question Number : 132 Question Id : 41809919934 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Ayurveda is said to be *Upaveda* (part) of _____ Veda.

Options :

1. ✘ Sama

2. ✘ Yajur

3. ✔ Atharva

4. ✘ Rig

Question Number : 133 Question Id : 41809919935 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Among the tridoshas, pitta represents which of the following factors?

Options :

1. ✔ Digestion, metabolism, heat production in body

2. ✘ Providing firmness to limbs

3. ✘ Movement and sensation

4. ✘ CNS and ANS function

Question Number : 134 Question Id : 41809919936 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The ayurvedic formulations prepared by fermenting drug in sugar solution for specified time are known as _____.

Options :

1. ✘ gutika

2. ✘ avaleha

3. ✔ asava

4. ✘ taila

Question Number : 135 Question Id : 41809919937 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Sodhana and Marana processes are used for preparation of _____.

Options :

1. ✘ Churna

2. ✘ Asava

3. ✔ Bhasma

4. ✘ Lepa

Question Number : 136 Question Id : 41809919938 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Water extractable solid substance from a drug is known as _____.

Options :

1. ✘ Guna

2. ✔ Sattva

3. ✘ Guggulu

4. ✘ Kasaya

Question Number : 137 Question Id : 41809919939 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is an example of absorbable suture material.

Options :

1. ✘ Jute
2. ✘ Dacron
3. ✔ Catgut
4. ✘ Silk

Question Number : 138 Question Id : 41809919940 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Molecular formula of a natural product may be determined by using _____ spectroscopy.

Options :

1. ✔ Mass
2. ✘ NMR
3. ✘ IR
4. ✘ Raman

Question Number : 139 Question Id : 41809919941 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Ozonolysis is used for degradation of natural product at _____ functional group.

Options :

1. ✘ Aldehyde C=O

2. ✔ -C=C-

3. ✘ -C=N-

4. ✘ -C-C -

Question Number : 140 Question Id : 41809919942 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Quantitative determination of -C=C- s done by determination of _____ value.

Options :

1. ✘ peroxide

2. ✘ saponification

3. ✓ iodine

4. ✗ ester

Question Number : 141 Question Id : 41809919943 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is true for patient counselling?

Options :

1. ✗ It helps to understand chemistry of a drug

2. ✗ It helps to motivate patient to purchase medicine

3. ✗ It helps the patient to do self medication

4. ✓ It helps to develop good business relations with patient

Question Number : 142 Question Id : 41809919944 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Sabin Fieldman dye test is used for diagnosis of _____.

Options :

1. ✗ tuberculosis

2. ✘ meningitis

3. ✔ toxoplasmosis

4. ✘ depression

Question Number : 143 Question Id : 41809919945 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is caused by an RNA virus.

Options :

1. ✘ Hepatitis B

2. ✘ Dysentery

3. ✔ HIV

4. ✘ Herpes

Question Number : 144 Question Id : 41809919946 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

BCG vaccine is meant for protection against _____.

Options :

1. ✘ pneumonia

2. ✔ tuberculosis

3. ✘ meningitis

4. ✘ typhoid

Question Number : 145 Question Id : 41809919947 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Junk foods are bad for health because they possess _____.

Options :

1. ✘ calories

2. ✘ nutrients

3. ✔ trans fat

4. ✘ protein

Question Number : 146 Question Id : 41809919948 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Breast milk is better than the milk substitutes, because it possess _____

Options :

1. ✓ antibodies
2. ✗ all vitamins
3. ✗ protein
4. ✗ low sugar

Question Number : 147 Question Id : 41809919949 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Standards for AGMARK certification are approved by _____.

Options :

1. ✗ Directorate of Agriculture
2. ✗ All India Association of Agriculture
3. ✗ Bureau of Indian Standards
4. ✓ Directorate of Marketing and Inspections

Question Number : 148 Question Id : 41809919950 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ may be prevented by drinking boiled and filtered water.

Options :

1. ✓ Typhoid
2. ✗ Malaria
3. ✗ Peptic ulcer
4. ✗ Pneumonia

Question Number : 149 Question Id : 41809919951 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ on a prescription make it a legal document.

Options :

1. ✗ Patient name
2. ✗ Drug name and dosage
3. ✗ Patient instructions
4. ✓

✓ Signature of the doctor

Question Number : 150 Question Id : 41809919952 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is an integral part of the first step of patient counselling

Options :

1. ✘ Speaking to the patient in local dialect
2. ✓ Reading the prescription and understanding it
3. ✘ Explanation about the disease
4. ✘ Giving instructions on how to take medicines

Pharmacology

Section Id :	418099399
Section Number :	4
Mandatory or Optional :	Mandatory
Number of Questions :	50
Section Marks :	50
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0

Is Section Default? :

null

Question Number : 151 Question Id : 41809919953 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which one of the following local anaesthetics is an ester of benzoic acid?

Options :

1. ✘ Lidocaine

2. ✔ Cocaine

3. ✘ Procaine

4. ✘ Ropivacaine

Question Number : 152 Question Id : 41809919954 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The effect of the drug on parasympathetic function declines rapidly in all organs except

Options :

1. ✘ Heart

2. ✘ Glands

3. ✓ Eyes

4. ✘ Smooth muscle organs

Question Number : 153 Question Id : 41809919955 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Identify the hypnotic agent which is a barbituric acid derivative.

Options :

1. ✓ Thiopental

2. ✘ Triazolam

3. ✘ Flurazepam

4. ✘ Zolpidem

Question Number : 154 Question Id : 41809919956 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Indicate the ganglion blocking drug and which can be taken orally for the treatment of hypertension?

Options :

1. ✘ Trimethaphane

2. ✘ Vecocuronium

3. ✔ Mecamylamine

4. ✘ Scopalamine

Question Number : 155 Question Id : 41809919957 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ produces enhancement of GABA mediated inhibition.

Options :

1. ✘ Lamotrigine

2. ✘ Carbamazepine

3. ✘ Ethosuximide

4. ✔ Phenobarbital

Question Number : 156 Question Id : 41809919958 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Which of the following drugs is both a nicotinic and muscarinic blocker at therapeutic doses?

Options :

1. ✘ Succinylcholine
2. ✘ Hexamethonium
3. ✘ Atropine
4. ✔ Benztropine

Question Number : 157 Question Id : 41809919959 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Bone cells are called as

Options :

1. ✔ Osteocytes
2. ✘ Chondrocytes
3. ✘ Leukocytes
4. ✘

Erythrocytes

Question Number : 158 Question Id : 41809919960 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What does sympathetic nervous system stimulation to the smooth muscle layers in the bronchioles cause?

Options :

1. ✘ Increase in activity of the cilia
2. ✘ Bronchoconstriction
3. ✔ Bronchodilation
4. ✘ An increase in tidal volume

Question Number : 159 Question Id : 41809919961 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Identify the atypical antipsychotic drug.

Options :

1. ✘ Thioridazine

2. ✘ Haloperidol

3. ✘ Thiothixene

4. ✔ Clozapine

Question Number : 160 Question Id : 41809919962 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The major site of drug metabolism in the human body is

Options :

1. ✘ Adipose tissue

2. ✘ Small intestine

3. ✔ Liver

4. ✘ Pancreas

Question Number : 161 Question Id : 41809919963 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following statements could be applied to “external respiration”?

Options :

1. ✘ The inhalation of atmospheric air into the lungs followed by exhalation.
2. ✘ The production of CO₂ from organic molecules in the cells by using O₂.
3. ✔ Exchange of gases between alveolar air and the blood in pulmonary capillaries.
4. ✘ Exchange of dissolved gases between blood in tissue capillaries and the body tissues.

Question Number : 162 Question Id : 41809919964 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The term “cellular respiration” is applied to

Options :

1. ✘ Ventilation of the lungs (breathing)
2. ✘ Exchange of gases in the body tissues

3. ✓ The production of ATP in the cells

4. ✘ Exchange of gases in the lungs

Question Number : 163 Question Id : 41809919965 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The excessive stimulation of muscarinic receptors by Pilocarpine and Choline esters is blocked competitively by

Options :

1. ✘ Pralidoxime

2. ✘ Echothiophate

3. ✘ Edrophonium

4. ✓ Atropine

Question Number : 164 Question Id : 41809919966 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Identify the neuromuscular blocking agent that has the potential to cause the greatest release of histamine?

Options :

1. ✓ Tubocurarine

2. ✘ Succinylcholine

3. ✘ Atropine

4. ✘ Gallamine

Question Number : 165 Question Id : 41809919967 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following drug does not require therapeutic drug monitoring?

Options :

1. ✓ Paracetamol

2. ✘ Phenytoin

3. ✘ Digoxin

4. ✘ Gentamycin

Question Number : 166 Question Id : 41809919968 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What term is applied to the volume of air that moves into the lungs while breathing at rest?

Options :

1. ✓ Tidal Volume
2. ✗ Residual Volume
3. ✗ Inspiratory Reserve Capacity
4. ✗ Anatomical Dead Space

Question Number : 167 Question Id : 41809919969 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The written instructions that describes the step-by-step process to properly perform an activity in industry is known as

Options :

1. ✗ ADR
2. ✓ SOP
3. ✗ GLP
4. ✗ IEC

Question Number : 168 Question Id : 41809919970 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The walls of the following structures are all supported by cartilage except for one of them. Which one?

Options :

1. ✘ Bronchi
2. ✘ Larynx
3. ✔ Bronchioles
4. ✘ Trachea

Question Number : 169 Question Id : 41809919971 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is avoided in children under 4 years with diarrhoea

Options :

1. ✔ Ciprofloxacin
2. ✘ Bisacodyl

3. ✘ Loperamide

Bismuth subcarbonate

4. ✘

Question Number : 170 Question Id : 41809919972 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

One of the major adverse effects of Azathiaprine

Options :

1. ✔ Bone marrow suppression

2. ✘ Immuno suppression

3. ✘ Dizziness

4. ✘ Headache

Question Number : 171 Question Id : 41809919973 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which molecule or ion dissolved in blood is able to stimulate the central chemoreceptors of the brain's respiratory centre?

Options :

1. ✘ Ca^{++}

2. ✘ H_3O^+

3. ✔ CO_2

4. ✘ O_2

Question Number : 172 Question Id : 41809919974 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Who is the person responsible for the conduct of clinical trial at a trial site?

Options :

1. ✔ Investigator

2. ✘ Sponsor

3. ✘ Clinical research coordinator

4. ✘ Monitor

Question Number : 173 Question Id : 41809919975 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Which type of neuroglial cells help regulate the composition of cerebrospinal fluid?

Options :

1. ✓ Ependyma

2. ✗ Microglia

3. ✗ Astrocytes

4. ✗ Oligodendrocytes

Question Number : 174 Question Id : 41809919976 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Which among the following drug can be obtained from the flowers?

Options :

1. ✗ Strychnine

2. ✓ Vincristine

3. ✗ Quinine

4. ✗ Tubocurarine

Question Number : 175 Question Id : 41809919977 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Oxygen and carbon dioxide cross the respiratory membrane by the process of:

Options :

1. ✓ Diffusion
2. ✗ Active Transport
3. ✗ Oxygen – Carbon Dioxide Pump
4. ✗ Counter-Current Exchange

Question Number : 176 Question Id : 41809919978 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Excessive sleeping is most likely due to the presence of too much of which neurotransmitter?

Options :

1. ✓ Serotonin
2. ✗ Dopamine

3. ✘ GABA

Norepinephrine

4. ✘

Question Number : 177 Question Id : 41809919979 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Major constituents of feces include all of the following except

Options :

1. ✘ Cellulose

2. ✔ Glycogen

3. ✘ Calcium salts

4. ✘ Bacteria

Question Number : 178 Question Id : 41809919980 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Renin is produced and secreted from granules located in the

Options :

1. ✘

Intercalated cells

2. ✘ Interstitial cells

3. ✘ Mesangial cells

4. ✔ Macula densa

Question Number : 179 Question Id : 41809919981 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Gary baby syndrome occur in new born with

Options :

1. ✘ Tetracycline

2. ✘ Erythromycin

3. ✔ Chloramphenicol

4. ✘ Penicillin

Question Number : 180 Question Id : 41809919982 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following routes have the highest bioavailability?

Options :

1. ✓ IV

2. ✗ Oral

3. ✗ IM

4. ✗ SC

Question Number : 181 Question Id : 41809919983 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which brain area coordinates skeletal muscle movements?

Options :

1. ✗ Hypothalamus

2. ✓ Cerebrum

3. ✗ Medulla

4. ✗ Cerebellum

Question Number : 182 Question Id : 41809919984 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which one of the following is a genetically determined adverse drug reactions?

Options :

1. ✘ Idiosyncrasy
2. ✔ Teratogenicity
3. ✘ Carcinogenicity
4. ✘ Addiction

Question Number : 183 Question Id : 41809919985 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is manifestation of Addison's disease

Options :

1. ✔ Extreme fatigue
2. ✘ Obesity

3. ✘ Alkalosis

4. ✘ High blood pressure

Question Number : 184 Question Id : 41809919986 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The enzymes produced by the exocrine pancreas include the following except

Options :

1. ✔ Enteropeptidase

2. ✘ Protease

3. ✘ Amylase

4. ✘ Lipase

Question Number : 185 Question Id : 41809919987 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Identify the drug belonging to antibiotics having a polyene structure

Options :

1. ✘ Ketoconazole

2. ✘ Griseofulvin

3. ✔ Nystatin

4. ✘ Fluconazole

Question Number : 186 Question Id : 41809919988 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The defaecation reflex:

Is initiated by stretching the anal canal

Options :

1. ✔ Is integrated in a control center in the sacral spinal cord

2. ✘ Is controlled by the vagus nerve

3. ✘ Involves contraction of the sigmoid colon

4. ✘ Is integrated in a control center in the lumbar spinal cord

Question Number : 187 Question Id : 41809919989 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Identify the benzodiazepine that has the shortest duration of action.

Options :

1. ✘ Clorazepate
2. ✘ Prazepam
3. ✔ Triazolam
4. ✘ Chlordiazepoxide

Question Number : 188 Question Id : 41809919990 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Identify the drug that belong to proton pump inhibitors

Options :

1. ✔ Omeprazole
2. ✘ Pirenzepine
3. ✘ Ranitidine

4. ✘ trimethaphan

Question Number : 189 Question Id : 41809919991 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The Vitamin B12 is majorly absorbed from

Options :

1. ✘ Fundus part of the stomach

2. ✘ Pylorus part of the stomach

3. ✔ Duodenum

4. ✘ Ileum

Question Number : 190 Question Id : 41809919992 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The conductive system of heart does not include

Options :

1. ✔ Interventricular septum

2. ✘ Internodal pathways

3. ✘ AV node

4. ✘ Purkinje system of fibers

Question Number : 191 Question Id : 41809919993 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Identify the nucleoside derivative that can be used as anti-HIV drug.

Options :

1. ✘ Acyclovir

2. ✔ Zidovudine

3. ✘ Ganciclovir

4. ✘ Trifluridine

Question Number : 192 Question Id : 41809919994 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The secretion of the exocrine pancreas is increased by the following except

Options :

1. ✔ Atropine

- 2. ✘ Secretin
- 3. ✘ Acetylcholine
- 4. ✘ Vagal stimulation

Question Number : 193 Question Id : 41809919995 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Chemoreceptors

Options :

- 1. ✘ Stimulated best by hypercapnoea
- 2. ✔ Are not sensitive to hydrogen ion concentration
- 3. ✘ Have a high blood flow rate
- 4. ✘ Found in aortic and carotid sinuses

Question Number : 194 Question Id : 41809919996 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Stimuli for aldosterone regulation includes

Options :

1. ✓ High serum potassium
2. ✗ High sodium in the distal renal tubule
3. ✗ Hypervolaemia
4. ✗ Increased renal blood flow

Question Number : 195 Question Id : 41809919997 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Ephedrine causes

Options :

1. ✗ Hypotension
2. ✗ Bradycardia
3. ✗ Miosis
4. ✓ Bronchodilation

Question Number : 196 Question Id : 41809919998 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Identify the local anaesthetics having anti-arrhythmic activity?

Options :

1. ✘ Benzocaine

2. ✘ Ropivacaine

3. ✔ Lidocaine

4. ✘ Cocaine

Question Number : 197 Question Id : 41809919999 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Identify the tricyclic anti-depressant drug

Options :

1. ✘ Fluoxetine

2. ✘ Isocarboxazide

3. ✘ Nefazodon

4. ✓ Amitriptyline

Question Number : 198 Question Id : 41809920000 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Thyroid hormone actions include

Options :

1. ✓ Lipogenesis

2. ✗ Increasing diastolic arterial blood pressure

3. ✗ Augmentation of sympathetic effect on GI

4. ✗ Release of Insulin

Question Number : 199 Question Id : 41809920001 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Identify the alkylating agent that has the anti-cancer activity.

Options :

1. ✓ Busulphan

2. ✘ Vinblastine

3. ✘ Carboplatin

4. ✘ Fluorouracil

Question Number : 200 Question Id : 41809920002 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following sympathomimetic is preferable for the emergency therapy of cardiogenic shock?

Options :

1. ✘ Isoproterenol

2. ✘ Epinephrine

3. ✘ Ephedrine

4. ✔ Dobutamine