

Andhra Pradesh State Council of Higher Education

Notations :

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

Question Paper Name :

Pharmacy 22nd July 2022 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 :

Can't View

Pharmaceutics

Section Id :	722544124
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

Question Number : 1 Question Id : 7225446202 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What quantities of 10% and 2% w/w hyoscine hydrobromide powders are to be mixed for preparing 100 g of 8% w/w hyoscine hydrobromide powder?

Options :

1. ✓ 75 and 25 g of 10 and 2% w/w respectively
2. ✗ 25 and 75 g of 10 and 2% w/w respectively
3. ✗ 87.5 g and 12.5 g of 10 and 2% w/w respectively
4. ✗ 12.5 g and 87.5 g of 10 and 2% w/w respectively

Question Number : 2 Question Id : 7225446203 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

One scruple is equal to

Options :

1. ✖ 10 grain

2. ✖ 30 grain

3. ✖ 40 grain

4. ✔ 20 grain

Question Number : 3 Question Id : 7225446204 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 glass is used for packaging of solid parenterals?

Options :

1. ✖ I

2. ✔ II

III

4. ✖ IV

Question Number : 4 Question Id : 7225446205 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ % w/v percentage of sodium chloride solution is isotonic with blood.

Options :

1.0

1. ✖

0.9

2. ✔

1.35

3. ✖

9.0

4. ✖

Question Number : 5 Question Id : 7225446206 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Energy required for crushing is proportional to surface sheared according to _____.

Options :

Kick's law

Bonds theory

2. ✖

Rittinger's law

3. ✔

Fick's theory

4. ✖

Question Number : 6 Question Id : 7225446207 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Density and size of the particle are important in _____.

Options :

Vortex screen

1. ✖

alpine jet sieve

2. ✖

cyclone separator

3. ✔

rotex screen

Question Number : 7 Question Id : 7225446208 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is suitable mixing equipment for a viscous liquid containing 20% of solids.

Options :

1. ✖ Triple roller mill
2. ✖ Flat blade turbine
3. ✖ Silverson mixer-emulsifier
4. ✔ Colloid mill

Question Number : 8 Question Id : 7225446209 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is used to filter the slurry containing more than 30% of solids.

Options :

1. ✖ Meta filter

Filter press

2. ✖

Rotary filter

3. ✔

Millipore filter

4. ✖

Question Number : 9 Question Id : 7225446210 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 steps are not related to the preparation of tinctures?

Options :

Imbibitions

1. ✖

Maceration

2. ✖

Percolation

3. ✖

Infusion

4. ✔

Evaporation is carried out _____.

Options :

1. ✖ above boiling point
2. ✔ below boiling point
3. ✖ at boiling point
4. ✖ at high temperatures

Question Number : 11 Question Id : 7225446212 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Distilled water is prepared by _____ distillation.

Options :

1. ✔ simple
2. ✖ fractional
- steam

destructive

4. ✖

Question Number : 12 Question Id : 7225446213 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Loss on drying is defined as _____.

Options :

mass of water in sample /total mass of dry sample

1. ✖

mass of water in sample/ total mass of wet sample

2. ✔

total mass of dry sample/ mass of water in sample

3. ✖

total mass of wet sample/mass of water in sample

4. ✖

Question Number : 13 Question Id : 7225446214 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Sera are used to provide

- 1. ✖ active immunity
- 2. ✔ artificial passive immunity
- 3. ✖ artificial active immunity
- 4. ✖ natural passive immunity

Question Number : 14 Question Id : 7225446215 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The following agent is used in Gaseous sterilization

Options :

- 1. ✔ ethylene oxide
- 2. ✖ nitrous oxide
- 3. ✖ gamma rays
- 4. ✖ UV rays

Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the friability limit for the compressed tablets as per Indian Pharmacopoeia?

Options :

1. ✖ Less than 0.5%
2. ✖ Less than 1.0%
3. ✔ Not greater than 1.0%
4. ✖ 0.5 - 1.0%

Question Number : 16 Question Id : 7225446217 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 sorbitol in soft gelatin capsules?

Options :

1. ✔ Plasticizer
2. ✖ Lubricant
3. ✖ Thickener

Disintegrating agent

4. ✖

Question Number : 17 Question Id : 7225446218 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ fluids are not injected into the veins, but are used outside the circulatory system.

Options :

Intravenous

1. ✖

Dialysis

2. ✔

Fusion

3. ✖

Digestive

4. ✖

Question Number : 18 Question Id : 7225446219 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Example for vaccine containing dead bacteria is _____.

Options :

BCG

2. ✖ small pox

3. ✖ tetanus

4. ✔ cholera

Question Number : 19 Question Id : 7225446220 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Meta filter is used for the filtration of _____.

Options :

1. ✖ injectables

2. ✖ slurries

3. ✖ emulsions

4. ✔ syrups

Question Number : 20 Question Id : 7225446221 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Organism used for producing plague vaccine _____.

Options :

1. ✖ *Vibrio cholerae*
2. ✔ *Pasteurella pestis*
3. ✖ *Solmonella typhi*
4. ✖ *Haemophilus pertussis*

Question Number : 21 Question Id : 7225446222 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 meaning of quoti die?

Options :

1. ✖ Four times a day
2. ✔ Every day

3. ✖ Every fourth hour

4. ✖ Every quarter of an hour

Question Number : 22 Question Id : 7225446223 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The adult dose is 300 mg. Calculate the dose for 6 years child according to Dilling's formula.

Options :

1. ✖ 120 mg

2. ✖ 110 mg

3. ✖ 100 mg

4. ✔ 90 mg

Question Number : 23 Question Id : 7225446224 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Strychnine hydrochloride with aromatic spirit of ammonia produces _____ incompatibility.

Options :

1. ✖ physical
2. ✔ chemical
3. ✖ therapeutic
4. ✖ no

Question Number : 24 Question Id : 7225446225 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Powders which liberate water of crystallization on exposure to humidity are called _____ powders.

Options :

1. ✔ efflorescent
2. ✖ volatile

effervescent

4. ✖

Question Number : 25 Question Id : 7225446226 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 ratio of oil:water:gum for primary emulsion preparation using volatile oil?

Options :

3:2:1

1. ✖

2:3:1

2. ✖

4:2:1

3. ✖

2:2:1

4. ✔

Question Number : 26 Question Id : 7225446227 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The size of particles in the suspension is in the range of _____.

Options :

1. ✖ 0.2-0.5 μm

2. ✔ 0.5-5 μm

3. ✖ 0.2-0.5 nm

4. ✖ 0.5-5 nm

Question Number : 27 Question Id : 7225446228 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 flocculating agent for a negatively charged drug?

Options :

1. ✔ Aluminium chloride

2. ✖ Acacia

3. ✖ Tragacanth

Sodium lauryl sulphate

Question Number : 28 Question Id : 7225446229 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Melting point of cocoa butter is _____ °C.

Options :

1. ✖ 20-25°C

2. ✔ 30-35°C

3. ✖ 40-45°C

4. ✖ 20-40°C

Question Number : 29 Question Id : 7225446230 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Pyrogallol is used in preparation of _____.

Options :

1. ✔ hair dyes

hair straighteners

hair removers

3. ✖

shampoos

4. ✖

Question Number : 30 Question Id : 7225446231 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The disintegration time of uncoated compressed tablet is _____ minutes as per IP

Options :

10

1. ✖

20

2. ✖

15

3. ✔

30

4. ✖

Question Number : 31 Question Id : 7225446232 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Glycerin is a common base used in preparation of _____.

Options :

1. ✖ gargles
2. ✔ throat paints
3. ✖ douches
4. ✖ ear drops

Question Number : 32 Question Id : 7225446233 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ syrup is prepared by chemical reaction process.

Options :

1. ✖ Simple
2. ✖ Tolu
3. ✖ Ginger

4. ✓ Ferrous phosphate

Question Number : 33 Question Id : 7225446234 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Icthamol is used to prepare _____ ointment.

Options :

- 1. ✗ keratolytic
- 2. ✗ anti-pruritic
- 3. ✓ anti-eczematous
- 4. ✗ astringent

Question Number : 34 Question Id : 7225446235 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Sodium alginate jellies at a concentration of 5-10 % are used as _____.

Options :

- 1. ✗ lubricants

contraceptives

2. ✖

dermatological vehicles

3. ✔

gelling agents

4. ✖

Question Number : 35 Question Id : 7225446236 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 are used as base for the preparation of gels?

Options :

Lanolin

1. ✖

Hydrocarbon bases

2. ✖

Water washable bases

3. ✖

Carbopols

4. ✔

In a film coated tablet, the following polymer is used to form the film

Options :

Cellulose acetate phthalate

1. ✖

Hydroxy propyl methyl cellulose

2. ✔

Cellulose

3. ✖

Carboxy methyl cellulose

4. ✖

Question Number : 37 Question Id : 7225446238 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

HEPA filters can remove particle size up to _____ μm .

Options :

0.1

1. ✖

0.2

2. ✖

0.3

3. ✔

4. ✖ 0.4

Question Number : 38 Question Id : 7225446239 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The use of Polysorbate 80 in eye drops is _____.

Options :

- 1. ✔ wetting agent
- 2. ✖ thickening agent
- 3. ✖ buffer
- 4. ✖ antioxidant

Question Number : 39 Question Id : 7225446240 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 :

oleogenous

absorption

2. ✖

emulsion

3. ✔

water soluble

4. ✖

Question Number : 40 Question Id : 7225446241 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Catchets are also known as _____.

Options :

wafer capsules

1. ✔

emoforms

2. ✖

sensiforms

3. ✖

snuffs

4. ✖

Question Number : 41 Question Id : 7225446242 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. ✖ Referring the prescription to the prescriber for incompatibility
2. ✖ Referring the prescription to the prescriber for change of drug due to non-availability
3. ✖ Substitution of generic drug with branded drug
4. ✔ Discussion about merits and demerits of its therapeutic efficacy of the prescription

Question Number : 42 Question Id : 7225446243 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The following are the functions of Pharmacy Council of India except

Options :

1. ✖ To regulate minimum educational standard in pharmacy institute
2. ✖ To prescribe the minimum standard of education required for registered as a pharmacist

To compile and maintain central register for pharmacist

To allow the clinical pharmacist to prescribe the drugs

4. ✓

Question Number : 43 Question Id : 7225446244 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 centres is designated for testing Sera, solutions of serum protein for injection, vaccines, toxins, antigens, antitoxins?

Options :

1. ✗ Haffkine Institute Compound, Mumbai
2. ✗ Central Drugs Testing Laboratory, Thane
3. ✗ National Institute of Biologicals, Noida
4. ✓ Central Research Institute, Kasauli

Question Number : 44 Question Id : 7225446245 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Schedule K pertains to

Options :

List of drugs that can be used with caution under medical supervision

1. ✖

List of drugs exempted from certain provisions governing import of drugs

2. ✖

List of drugs exempted from certain provisions relating to the manufacture of drugs

3. ✔

List of diseases that a drug cannot claim to cure

4. ✖

Question Number : 45 Question Id : 7225446246 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 advertisements is allowed as per Drugs and Magic Remedies Act?

Options :

Correction of menstrual disorder in women

1. ✖

Prevention of conception in women

2. ✖

Improvement of the capacity of human beings for sexual pleasure

3. ✖

Advertisement of chemical contraceptives for oral use

4. ✓

Question Number : 46 Question Id : 7225446247 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Illegal import of narcotic and psychotropic drugs lesser than commercial quantity and greater than small quantity can be punished for

Options :

Rigorous imprisonment up to 10 years or fine up to Rs.1 lakh

1. ✓

Rigorous imprisonment for not less than 10-20 years and fine not less than Rs.1 lakh to 2 lakh

2. ✗

Rigorous imprisonment up to 10 years and fine not less than Rs.2 lakh

3. ✗

Rigorous imprisonment not less than 20 years and fine not less than to Rs.3 lakh

4. ✗

Question Number : 47 Question Id : 7225446248 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Medical hemp include

Options :

1. ✓ Tincture of hemp

2. ✗ All parts of hemp

3. ✗ Powder of hemp

4. ✗ Seeds of hemp

Question Number : 48 Question Id : 7225446249 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Schedule I of DPCO 2013 is divided into _____ sections

Options :

1. ✗ 9

2. ✗ 18

3. ✓ 27

4. ✗ 36

Question Number : 49 Question Id : 7225446250 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A non-bonded manufactory shall be inspected by the officer at least

Options :

1. ✓ once every month
2. ✗ once every two months
3. ✗ once every six months
4. ✗ once every year

Question Number : 50 Question Id : 7225446251 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Competent authority for approving the place for medical termination of pregnancy is

Options :

1. ✗ District Collector
2. ✗ Medical Superintendent of the Hospital

Drugs Controller of the State

4. ✖

Pharmaceutical Chemistry

Section Id :	722544125
Section Number :	2
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

Question Number : 51 Question Id : 7225446252 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Sodium hydroxide is commonly known as _____

Options :

Slaked lime

1. ✖

Spirit of Salt

2. ✖

Caustic soda

3. ✔

Quick lime

Question Number : 52 Question Id : 7225446253 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Laughing gas is:

Options :

1. ✖ Oxygen
2. ✔ Nitrous Oxide
3. ✖ Carbon dioxide
4. ✖ Methane

Question Number : 53 Question Id : 7225446254 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The major route of excretion for sodium ions (under normal conditions) is
the

Options :

1. ✖ Skin

Adrenal cortex

3. ✖

Kidney

4. ✔

Question Number : 54 Question Id : 7225446255 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 ions diffuses easily between extracellular and intracellular compartments?

Options :

Magnesium

1. ✖

Chloride

2. ✔

Sodium

3. ✖

Phosphate

4. ✖

Time : N.A Think Time : N.A Minimum Instruction Time : 0

Example of Desensitizer is.....

Options :

1. ✓ Zinc Chloride
2. ✗ Sodium fluoride
3. ✗ Stannous fluoride
4. ✗ Calcium Carbonate

Question Number : 56 Question Id : 7225446257 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Sodium citrate in oral rehydration powder is used as

Options :

1. ✓ pH Maintenance
2. ✗ Sodium supplement
3. ✗ Nitrate supplement

Anticoagulant

4. ✖

Question Number : 57 Question Id : 7225446258 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

An important antidote in the treatment of cyanide poison is

Options :

Ethanol

1. ✖

Atropine

2. ✖

Desferioxamine

3. ✖

Sodium thiosulphate

4. ✔

Question Number : 58 Question Id : 7225446259 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Zinc Sulphate is also known as

Options :

White vitriol

1. ✓

Red vitriol

2. ✗

Blue vitriol

3. ✗

Yellow vitriol

4. ✗

Question Number : 59 Question Id : 7225446260 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which inorganic astringent is used in the treatment of narcotic poisoning?

Options :

Alum

1. ✗

Zinc Sulphate

2. ✓

Aluminium Chloride

3. ✗

Zirconium sulphate

4. ✖

Question Number : 60 Question Id : 7225446261 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Radioactive decay is a reaction of

Options :

1. ✔ First order

2. ✖ Second order

3. ✖ Third order

4. ✖ Zero order

Question Number : 61 Question Id : 7225446262 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Calamine is:

Options :

1. ✔ Zinc oxide having a small amount of ferric oxide

Composed of cadmium oxide

Composed of only ferric oxide

3. ✖

Zinc oxide and ferric oxide are in equal quantity

4. ✖

Question Number : 62 Question Id : 7225446263 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Alum is Chemically

Options :

Hydrated sodium potassium sulphate

1. ✖

Unhydrous sodium potassium sulphate

2. ✖

Hydrated potassium aluminium sulphate

3. ✔

Unhydrous aluminium calcium sulphate

4. ✖

Question Number : 63 Question Id : 7225446264 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 iodine solutions taken internally as a source of iodine?

Lugol's solution

1. ✓

Weak iodine solution

2. ✗

Strong iodine solution

3. ✗

Providone- Iodine

4. ✗

Question Number : 64 Question Id : 7225446265 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Precipitated Sulphur is _____

Options :

Soluble in water

1. ✗

Soluble in Carbon disulphide

2. ✓

Freely soluble in olive oil

3. ✗

Soluble in alcohol

4. ✗

Question Number : 65 Question Id : 7225446266 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Diphenylthiocarbazone is used as a reagent in _____

Options :

1. ✓ Limit test of lead
2. ✗ Identification of iron
3. ✗ Identification of sodium
4. ✗ Limit test for iron

Question Number : 66 Question Id : 7225446267 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 these is antimicrobial?

Options :

1. ✗ KMnO_4
2. ✗ Sodium sulphate

3. ✓ Sodium Nitrite

4. ✗ Silver nitrite

Question Number : 67 Question Id : 7225446268 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which one is used as urinary acidifier

Options :

1. ✗ Sodium Chloride

2. ✗ Potassium chloride

3. ✓ Ammonium Chloride

4. ✗ Sodium hydroxide

Question Number : 68 Question Id : 7225446269 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which is the main constituents of face powder

Options :

Zinc stearate

1. ✖

Zinc Oxide

2. ✖

Talc

3. ✔

Lime stone

4. ✖

Question Number : 69 Question Id : 7225446270 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which salt is used as an expectorant?

Options :

KI

1. ✔

KCl

2. ✖

Sodium iodide

3. ✖

Sodium nitrite

4. ✖

Question Number : 70 Question Id : 7225446271 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 these is a saline cathartic ?

Options :

1. ✖ Kaolin
2. ✔ Magnesium Sulphate
3. ✖ Calcium carbonate
4. ✖ Bismuth subcarbonate

Question Number : 71 Question Id : 7225446272 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

An example of oral anticoagulant is

Options :

1. ✖ Aspirin
2. ✖ Morphine

Cyanocobalamin

3. ✖

Warfarin

4. ✔

Question Number : 72 Question Id : 7225446273 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 anti- cholinergic drug

Options :

Tropicamide

1. ✖

Cyclopentolate

2. ✖

Neostigmine

3. ✔

Homatropine

4. ✖

Question Number : 73 Question Id : 7225446274 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 other name for scopolamine

Pseudotropine

1. ✖

Hyoscyamine

2. ✖

Hyoscine

3. ✔

Tropine

4. ✖

Question Number : 74 Question Id : 7225446275 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Barbituric acid is prepared by condensation of

Options :

Malonic acid and urea

1. ✖

Diethyl malonate and urea

2. ✔

Malonic acid and methyl urea

3. ✖

Diethyl malonate and methyl urea

Question Number : 75 Question Id : 7225446276 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Methylation of Morphine produces

Options :

1. ✓ Codeine
2. ✗ Methadone
3. ✗ Heroin
4. ✗ Ethyl Morphine

Question Number : 76 Question Id : 7225446277 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 a selective COX-2 inhibitor.

Options :

1. ✗ Celecoxib
2. ✗ Rofecoxib

3. ✖ Valedoxib

4. ✔ Aspirin

Question Number : 77 Question Id : 7225446278 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Paracetamol produces antipyretic effect by acting on

Options :

1. ✔ Hypothalamus

2. ✖ Thalamus

3. ✖ Mid Brain

4. ✖ Cerebral Cortex

Question Number : 78 Question Id : 7225446279 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The anti-tubercular drug which shows acetylation polymorphism phenomenon is _____

1. ✓ Isoniazid
2. ✗ Ethambutol
3. ✗ Pyrazinamide
4. ✗ Streptomycin

Question Number : 79 Question Id : 7225446280 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Thyroxine hormone is used in

Options :

1. ✗ Cancer
2. ✗ Arthritis
3. ✗ Fever
4. ✓ Hypothyroidism

Question Number : 80 Question Id : 7225446281 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Diabetes is an _____ diseases

Options :

1. ✓ Endocrine

2. ✗ Infection

3. ✗ Bacterial

4. ✗ Viral

Question Number : 81 Question Id : 7225446282 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Metronidazole contains one of the following heterocyclic rings:

Options :

1. ✗ Tetrazole

2. ✓ Imidazole

3. ✗ Oxazole

4. ✖ Thiazole

Question Number : 82 Question Id : 7225446283 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 following is an Antimetabolites used as anticancer agent:

Options :

1. ✔ Methotrexate

2. ✖ Dactinomycin

3. ✖ Chlorambucil

4. ✖ Cisplatin

Question Number : 83 Question Id : 7225446284 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Dextroamphetamine is :

Options :

1. ✖ Anti-inflammatory

2. ✖ An antiepileptic

3. ✓ CNS stimulant

CNS depressant

4. ✗

Question Number : 84 Question Id : 7225446285 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Acetazolamide is _____

Options :

1. ✗ Cholinergic agent

2. ✗ Adrenergic agent

3. ✗ Analeptic

4. ✓ Diuretic

Question Number : 85 Question Id : 7225446286 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 a useful antihypertensive agent?

Options :

1. ✗ Morphine

Methyl dopa

2. ✓

Phenytoin

3. ✗

Ibuprofen

4. ✗

Question Number : 86 Question Id : 7225446287 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 abundantly found in collagen?

Options :

Tryptophan

1. ✗

Alanine

2. ✗

Glycine

3. ✓

Serine

4. ✗

Question Number : 87 Question Id : 7225446288 Display Question Number : Yes Is Question Mand

Time : N.A Think Time : N.A Minimum Instruction Time : 0

The key regulatory enzyme in cholesterol synthesis is

Options :

1. ✖ HMG CoA synthase
2. ✖ HMG CoA lyase
3. ✔ HMG CoA reductase
4. ✖ Mevalonate kinase

Question Number : 88 Question Id : 7225446289 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The key enzyme for utilisation of ketone bodies

Options :

1. ✖ Thiolase
2. ✔ Thiophorase
- Thiokinase

Thioesterase

4. ✖

Question Number : 89 Question Id : 7225446290 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The first amino acid in a polypeptide chain is

Options :

Serine

1. ✖

Valine

2. ✖

Alanine

3. ✖

Methionine

4. ✔

Question Number : 90 Question Id : 7225446291 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Pepsin is an example for the class of Enzyme namely

Options :

Oxidoreductase

1. ✖

Transferase

2. ✖

Hydrolases

3. ✔

Ligases

4. ✖

Question Number : 91 Question Id : 7225446292 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Uricosuric drugs are useful in the treatment of

Options :

Anaemia

1. ✖

Cataract

2. ✖

Gout

3. ✔

Lymphedema

4. ✖

Question Number : 92 Question Id : 7225446293 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Coenzyme Q is also known as ____

Options :

1. ✖ Isoprenoid
2. ✔ ubiquinone
3. ✖ vitamin k
4. ✖ succinate

Question Number : 93 Question Id : 7225446294 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

SGPT stands for

Options :

1. ✖ serum glutamine pento transaminase
2. ✔ serum glutamic pyruvic transaminase
3. ✖ serum glutamic enolo acetic transaminase

serum guanine pyro transferase

4. ✖

Question Number : 94 Question Id : 7225446295 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The functionally active form of Vitamin D is

Options :

1. ✖ Cholecalciferol
2. ✖ Ergocalciferol
3. ✖ Dehydrocholesterol
4. ✔ Calcitriol

Question Number : 95 Question Id : 7225446296 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

How many ATP are released in the β – oxidation of palmitate

Options :

1. ✖ 96
2. ✖ 86

129

3. ✓

80

4. ✗

Question Number : 96 Question Id : 7225446297 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which test is used for identification of compounds containing two or more peptides

Options :

Ninhydrin test

1. ✗

Iodine test

2. ✗

Biuret test

3. ✓

Benedict's test

4. ✗

Question Number : 97 Question Id : 7225446298 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Fatty liver is caused by the deficiency of _____

Vitamin B1

1. ✖

Choline, methionine

2. ✔

Iron

3. ✖

Vitamin A

4. ✖

Question Number : 98 Question Id : 7225446299 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Sucrose is a _____

Options :

Polysaccharide

1. ✖

Non-reducing sugar

2. ✔

Reducing sugar

3. ✖

Pentose

4. ✖

Question Number : 99 Question Id : 7225446300 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Deficiency of vitamin C results in _____

Options :

1. ✓ Scurvy

2. ✗ Rickets

3. ✗ Beri-beri

4. ✗ Pellagra

Question Number : 100 Question Id : 7225446301 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Excretion of ketone bodies is associated with _____

Options :

1. ✗ Jaundice

2. ✗ Hypertension

Diabetes mellitus

3. ✓

Atherosclerosis

4. ✗

Pharmacognosy

Section Id :	722544126
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

Question Number : 101 Question Id : 7225446302 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 unorganized drug?

Options :

Senna leaf

1. ✗

Asafoetida

2. ✓

Cinchona bark

Clove bud

4. ✖

Question Number : 102 Question Id : 7225446303 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Clavanger's apparatus is used for extraction of _____.

Options :

1. ✔ volatile oils

2. ✖ alkaloids

3. ✖ flavonoids

4. ✖ proteins

Question Number : 103 Question Id : 7225446304 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wagner's reagent contains _____.

Options :

nicotinic acid

2. ✖ mercury chloride

3. ✔ I₂/KI

4. ✖ α-naphthol

Question Number : 104 Question Id : 7225446305 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 obtained from marine algae?

Options :

1. ✖ Curcumin

2. ✔ Agar

3. ✖ Inulin

4. ✖ Citral

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Catachu is used as _____.

Options :

- 1. ✖ cardio tonic
- 2. ✖ flavoring agent
- 3. ✖ sweetener
- 4. ✔ astringent

Question Number : 106 Question Id : 7225446307 Display Question Number : Yes Is Question Mandatory : No Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Anthraquinone glycosides are present in _____.

Options :

- 1. ✔ *Casiasenna*
- 2. ✖ *Atropa belladonna*

Rawoulfiaserpentina

3. ✖

Vinca rosea

4. ✖

Question Number : 107 Question Id : 7225446308 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Presence of deoxy sugar in cardiac glycosides is identified by _____ test.

Options :

1. ✖ Raymond's

2. ✖ Legal's

3. ✔ Killer-Kiliani

4. ✖ Borntrager's

Question Number : 108 Question Id : 7225446309 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Laxatives are used to treat _____.

Options :

constipation

2. ✖ head ache

3. ✖ gastritis

4. ✖ glaucoma

Question Number : 109 Question Id : 7225446310 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Withanolides contain _____ unit in its structure.

Options :

1. ✔ steroid

2. ✖ flavone

3. ✖ chalcone

4. ✖ indole

Which of the following is absent in cardamom?

Options :

Cineole

1. ✖

Terpinol

2. ✖

Borneol

3. ✖

Citral

4. ✔

Question Number : 111 Question Id : 7225446312 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Ginger is _____ part of plant.

Options :

stem

1. ✖

root

2. ✖

rhizome

3. ✔

4. ✖ twig

Question Number : 112 Question Id : 7225446313 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Shark liver oil is rich in _____.

Options :

1. ✖ Vitamin B12

2. ✔ Vitamin A

3. ✖ Vitamin C

4. ✖ Vitamin K

Question Number : 113 Question Id : 7225446314 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 good example of a pseudoalkaloid.

Options :

1. ✔ Caffeine

2. ✖ Atropine

3. ✖ Vincristine

4. ✖ Quinine

Question Number : 114 Question Id : 7225446315 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Forskolin is a _____ terpene.

Options :

1. ✖ mono

2. ✖ sesqui

3. ✔ di

4. ✖ sester

Question Number : 115 Question Id : 7225446316 Display Question Number : Yes Is Question Mandatory : No
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is a secondary metabolite.

Options :

1. ✖ Glycerol

2. ✖ Histamine

3. ✔ Menthol

4. ✖ Starch

Question Number : 116 Question Id : 7225446317 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Shinoda test is used for identification of _____.

Options :

1. ✖ alkaloids

2. ✖ steroids

3. ✖ carbohydrates

flavonoids

4. ✓

Question Number : 117 Question Id : 7225446318 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Aloe is obtained from _____.

Options :

seed oil

1. ✗

extract of bark

2. ✗

juice of leaf

3. ✓

extract of root

4. ✗

Question Number : 118 Question Id : 7225446319 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Long chain fatty acid esters of fatty alcohols are present in _____.

Options :

bees wax

1. ✓

castor oil

2. ✖

acacia gum

3. ✖

hemp

4. ✖

**Question Number : 119 Question Id : 7225446320 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

_____ will easily degrade if stored at room temperature.

Options :

Atropine

1. ✖

Digoxin

2. ✔

Piperin

3. ✖

Caffeine

4. ✖

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Father of Pharmacognosy is _____.

Options :

1. ✖ Aryabhatta
2. ✖ Galen
3. ✖ Seydler
4. ✔ Dioscorides

Question Number : 121 Question Id : 7225446322 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 important criteria for recruitment of sales personnel?

Options :

1. ✖ Accounting skills
2. ✖ Organization skills
3. ✔ Sales and communication skills

Management skills

4. ✖

Question Number : 122 Question Id : 7225446323 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 an example of economic event?

Options :

1. ✔ Financial transaction

2. ✖ Bank statement

3. ✖ Exchange of goods

4. ✖ Inventory control

Question Number : 123 Question Id : 7225446324 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Joint stock company is governed by _____.

Options :

1. ✖ Industry Act 1951

2. ✓ Company Act 1956

3. ✗ Drugs and Cosmetics Act 1945

4. ✗ GATT 1947

Question Number : 124 Question Id : 7225446325 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Maximum number of persons in partnership business is ____.

Options :

1. ✗ 10

2. ✓ 20

3. ✗ 30

4. ✗ 40

Question Number : 125 Question Id : 7225446326 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ removes the hindrance of place.

Options :

1. ✓ Transportation
2. ✗ Insurance
3. ✗ Packaging
4. ✗ Partnership

Question Number : 126 Question Id : 7225446327 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Break-even analysis chart is drawn between _____.

Options :

1. ✗ Overhead and fixed cost
2. ✓ Volume of production and income
3. ✗ Material cost and labour cost

Profit an investment

4. ✖

Question Number : 127 Question Id : 7225446328 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

ABC inventory control focuses on items _____.

Options :

Not readily available

1. ✖

which consume less money

2. ✖

which are in high demand

3. ✖

which are expensive

4. ✔

Question Number : 128 Question Id : 7225446329 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 position statement.

Options :

Trial balance

- 2. ✖ Profit and loss
- 3. ✔ Balance sheet
- 4. ✖ Bank reconciliation statement

Question Number : 129 Question Id : 7225446330 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

If a pharmacist donates drugs to charity, it will be entered into _____ account.

Options :

- 1. ✖ Sales
- 2. ✖ Purchase
- 3. ✔ Expense
- 4. ✖ Trustee

Which of the following is known as 'Principal Book of Accounts'?

Options :

1. ✖ Balance sheet
2. ✖ Journal
3. ✔ Ledger
4. ✖ Trial balance

Question Number : 131 Question Id : 7225446332 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Mail order business is _____ trade.

Options :

1. ✖ Retail
2. ✖ Indirect
3. ✖ Whole sale

Direct

4. ✓

Question Number : 132 Question Id : 7225446333 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Usually in any business _____ maintains direct contact with customers.

Options :

retailer

1. ✓

distributor

2. ✗

wholesaler

3. ✗

producer

4. ✗

Question Number : 133 Question Id : 7225446334 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Net profit in a business refers to _____.

Options :

cash in hand

1. ✗

cash after expenses

2. ✓

cash prior to expenses

3. ✗

credit amount with customers

4. ✗

**Question Number : 134 Question Id : 7225446335 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

The number of intermediary levels within the channel of distribution indicates _____ channel.

Options :

length

1. ✓

width

2. ✗

depth

3. ✗

similarity

4. ✗

Question Number : 135 Question Id : 7225446336 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 definition of auditing?

Options :

1. ✖ Preparation of financial statements
2. ✖ Maintenance of financial records
3. ✖ Reporting of financial expenditure
4. ✔ Examination of financial records and physical checking of inventory

Question Number : 136 Question Id : 7225446337 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 rich source of vitamin C.

Options :

1. ✔ Lemon
- Banana

Coconut water

3. ✖

Papaya

4. ✖

Question Number : 137 Question Id : 7225446338 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ disease is transmitted by air.

Options :

Leprosy

1. ✖

AIDS

2. ✖

Tuberculosis

3. ✔

Cancer

4. ✖

Question Number : 138 Question Id : 7225446339 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 effective antidote for Cyanide poisoning.

Options :

1. ✓ NaNO2

2. ✗ Na2SO4

3. ✗ NaOCl

4. ✗ NaHPO4

Question Number : 139 Question Id : 7225446340 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

By volume, _____ is the major industry causing water pollution.

Options :

1. ✗ petrochemical

2. ✓ agriculture

3. ✗ shipping

pharmaceutical

Question Number : 140 Question Id : 7225446341 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ comes under essential micronutrient.

Options :

1. ✖ Sodium

2. ✖ Calcium

3. ✔ Zinc

4. ✖ Potassium

Question Number : 141 Question Id : 7225446342 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 a hormonal contraceptive?

Options :

1. ✔ Copper T

2. ✖ Mala D

Mini pill

3. ✖

I-pill

4. ✖

Question Number : 142 Question Id : 7225446343 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Major causative organism for food poisoning is _____.

Options :

Lactobacillus acidifarinae

1. ✖

Clostridium botulinum

2. ✔

Acetobacteraceti

3. ✖

Bacillus cereus

4. ✖

Question Number : 143 Question Id : 7225446344 Display Question Number : Yes Is Question Man
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is the disease carrier for transmission of plague.

Options :

1. ✖ Pig
2. ✔ Rat
3. ✖ Dog
4. ✖ Cow

Question Number : 144 Question Id : 7225446345 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 metal is an important ingredient in the antibiotic ointments used for injuries due to surgery?

Options :

1. ✖ Gold
2. ✔ Silver

Copper

3. ✖

Iron

4. ✖

Question Number : 145 Question Id : 7225446346 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Acid fast staining method is used to identify

Options :

1. ✖ *Staphylococcus aureus*

2. ✖ *Escherichia coli*

3. ✖ *Clostridium tetani*

4. ✔ *Mycobacterium tuberculosis*

Question Number : 146 Question Id : 7225446347 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ disease may be prevented by giving BCG vaccine.

Options :

1. ✖ AIDS
2. ✖ Rabies
3. ✖ Diphtheria
4. ✔ Tuberculosis

Question Number : 147 Question Id : 7225446348 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Varicella Zoster virus causes _____.

Options :

1. ✔ Chicken pox
2. ✖ Small pox
3. ✖ Whooping cough

Question Number : 148 Question Id : 7225446349 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Night blindness may be prevented by incorporating foods rich in _____ in diet.

Options :

1. ✖ Vitamin B12

2. ✖ Vitamin C

3. ✔ Vitamin A

4. ✖ Vitamin E

Question Number : 149 Question Id : 7225446350 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Povidone-iodine solution is _____.

Options :

1. ✖ an antibiotic

a Disinfectant

3. ✖

a preservative

4. ✖

Question Number : 150 Question Id : 7225446351 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Retinopathy may also arise due to _____.

Options :

1. ✔ diabetes

2. ✖ angina

3. ✖ hepatic failure

4. ✖ gastritis

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

Question Number : 151 Question Id : 7225446352 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Most abundant type of cartilage is _____

Options :

1. ✓ Hyaline cartilage
2. ✗ Elastic cartilage.
3. ✗ Fibrous cartilage.
4. ✗ Regular cartilage

Question Number : 152 Question Id : 7225446353 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What happens when RBCs are placed in a hypotonic solution

Options :

1. ✗ No change

2. ✖ Crenation

3. ✔ Hemolysis

4. ✖ Change in genetic composition

Question Number : 153 Question Id : 7225446354 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A & AB Blood groups can donate blood respectively to

Options :

1. ✖ B, AB & AB

2. ✖ A & A, AB

3. ✖ B, AB & O

4. ✔ A, AB & AB

Question Number : 154 Question Id : 7225446355 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Normal count of RBC in female is

1. ✖ $4.5-6.5 \times 10^{12}/L$
2. ✖ $1.5-4.5 \times 10^{12}/L$
3. ✔ $3.8-5.8 \times 10^{12}/L$
4. ✖ $1.8-3.8 \times 10^{12}/L$

Question Number : 155 Question Id : 7225446356 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Inadequate intake of vitamin B12 or folic acid causes

Options :

1. ✔ Megaloblastic anemia
2. ✖ Sickle-cell disease
3. ✖ Thalassemia
4. ✖ Hemolytic anemia.

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Chemical digestion in the mouth is carried out by _____ & _____ enzymes

Options :

1. ✖ Amylase & trypsin
2. ✔ Amylase & lipase
3. ✖ Elastase & Lipase
4. ✖ Elastase & Amylase

Question Number : 157 Question Id : 7225446358 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Volume of one breath is called the

Options :

1. ✔ Tidal Volume
2. ✖ Minute Ventilation
3. ✖ Inspiratory Reserve Volume

Minimal Volume.

Question Number : 158 Question Id : 7225446359 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Vitalcapacity is the sum of

Options :

1. ✘ Tidal Volume, Minute Ventilation&Inspiratory Reserve Volume
2. ✘ Inspiratory reserve volume, tidal volume
3. ✔ Inspiratory reserve volume, tidal volume, and expiratory reserve volume
4. ✘ Inspiratory capacity, Minute Ventilation, and expiratory reserve volume

Question Number : 159 Question Id : 7225446360 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Spermatogenesis occurs in _____

Options :

1. ✘ Tunica vaginalis
2. ✔ Tunica albuginea

3. ✖ Tunica vasculosa

4. ✖ Epididymis

Question Number : 160 Question Id : 7225446361 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is not lost during menstruation

Options :

1. ✖ Functional layer

2. ✖ Perimetrium

3. ✖ Myometrium

4. ✔ Basal layer

Question Number : 161 Question Id : 7225446362 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Presence of _____ in maternal blood or urine is an indicator of pregnancy

Options :

2. ✖ Relaxin

3. ✖ LH

4. ✖ Inhibin

Question Number : 162 Question Id : 7225446363 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Aortic and pulmonary valves are known as _____

Options :

1. ✖ Mitral valve

2. ✖ Tricuspid valve

3. ✔ Semilunar valve

4. ✖ Right AV valve

Name the gland that is located at the base of the throat, just inferior to the laryngeal prominence (Adam's apple) .

Options :

1. ✖ Pituitary.
2. ✖ Pineal gland.
3. ✖ Hypothalamus.
4. ✔ Thyroid

Question Number : 164 Question Id : 7225446365 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In the pancreas, which are the cells that secrete insulin, decrease the blood levels of
glucose.

Options :

1. ✖ delta.

alpha

3. ✖ gama.

beta.

4. ✔

Question Number : 165 Question Id : 7225446366 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The endocrine gland responsible for the body's circadian rhythm is the:

Options :

1. ✖ Thymus gland.

2. ✔ Pineal gland.

3. ✖ Parathyroid gland.

4. ✖ Pituitary gland..

Question Number : 166 Question Id : 7225446367 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of these is not an endocrine gland?

Options :

1. ✖ Pancreas.
2. ✖ Testes.
3. ✔ Salivary gland.
4. ✖ Parathyroid.

Question Number : 167 Question Id : 7225446368 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which if the following gland which can be classified as an endocrine and an exocrine gland?

Options :

1. ✖ Thyroid.
2. ✖ Thymus.
3. ✔ Pancreas.
4. ✖ Pituitary.

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

All of the following are hormones of the anterior pituitary except:

Options :

1. ✖ Human growth hormone (GH).
2. ✖ Follicle-stimulating hormone (FSH).
3. ✔ Parathyroid hormone (PTH).
4. ✖ Thyroid-stimulating hormone (TSH)

Question Number : 169 Question Id : 7225446370 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Mastication means

Options :

1. ✔ Chewing
2. ✖ Swallowing
3. ✖ Speech

4. ✖ Taste

Question Number : 170 Question Id : 7225446371 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Lymph consists of large number of

Options :

- 1. ✔ Lymphocytes
- 2. ✖ Platelets
- 3. ✖ RBC
- 4. ✖ Neutrophils

Question Number : 171 Question Id : 7225446372 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

An example of membrane bound enzyme is

Options :

- 1. ✔ PLC

3. ✖ PKa

4. ✖ MLCK

Question Number : 172 Question Id : 7225446373 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Requirement of higher dose of a drug to produce given response is called as

Options :

1. ✖ Cumulation

2. ✖ Idiosyncrasy

3. ✔ Tolerance

4. ✖ Dependence

Question Number : 173 Question Id : 7225446374 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 indicates the phase-II drug metabolism

Options :

1. ✖ Hydrolysis
2. ✖ Oxidation
3. ✖ Reduction
4. ✔ Glucoronidation conjugation

Question Number : 174 Question Id : 7225446375 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Muscarinic antagonist present in thorn apple

Options :

1. ✔ Atropine
2. ✖ Hyoscine
3. ✖ Homatropine
4. ✖ Dicyclomine

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

High ceiling diuretics act by

Options :

1. ✖ Inhibition of $\text{Na}^+ \text{Cl}^-$ symport
2. ✖ Activation of $\text{Na}^+ \text{Cl}^-$ symport
3. ✔ Inhibition of $\text{Na}^+ \text{K}^+ 2\text{Cl}^-$ cotransport
4. ✖ Activation of $\text{Na}^+ \text{K}^+ 2\text{Cl}^-$ cotransport

Question Number : 176 Question Id : 7225446377 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Spironolactone is

Options :

1. ✖ Loop diuretic
2. ✖ Thiazide diuretic
3. ✔ Osmotic diuretic

Aldosterone antagonist

4. ✓

Question Number : 177 Question Id : 7225446378 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Montelukast an anti-asthmatic drug act by antagonizing which receptor

Options :

1. ✓ Cys LT1

2. ✗ Cys LT2

3. ✗ Beta 2 receptor

4. ✗ Alpha 2 receptor

Question Number : 178 Question Id : 7225446379 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Dextromethorphan is an:

Options :

1. ✓ Analgesic

Antitussive

2. ✖

Expectorant

3. ✖

Antihistaminic

4. ✖

Question Number : 179 Question Id : 7225446380 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is obtained from streptomyces nodosus

Options :

Amphotericin B

1. ✖

Streptomycin

2. ✖

Sisomicin

3. ✖

Erythromycin

4. ✔

Question Number : 180 Question Id : 7225446381 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Anti microbial agent which inhibits cell wall synthesis is

Options :

1. ✖ Fluoroquinolones
2. ✖ Aminoglycosides
3. ✖ Tetracyclines
4. ✔ Penicillins.

Question Number : 181 Question Id : 7225446382 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Drug used to treat fungal infection of the eye is

Options :

1. ✖ Amikacin
2. ✔ Natamycin
3. ✖ Mafcillin

Iodoxuridine

4. ✖

Question Number : 182 Question Id : 7225446383 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Overuse use of digitalis may result in

Options :

1. ✖ Habituation

2. ✖ Tolerance

3. ✖ Addiction

4. ✔ Cumulative poisoning

Question Number : 183 Question Id : 7225446384 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Hypertension is treated by one of the following drugs

Options :

1. ✔ Propranolol

3. ✖ Digoxin

4. ✖ Quinidine

Question Number : 184 Question Id : 7225446385 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 classified as carbonic anhydrase inhibitor

Options :

1. ✖ Acetaminophen

2. ✔ Acetazolamide

3. ✖ Enalapril

4. ✖ Ranitidine

Question Number : 185 Question Id : 7225446386 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Mucolytic is

Options :

2. ✖ Chlorpheniramine

3. ✖ Salbutamol

4. ✔ Carbocisteine

Question Number : 186 Question Id : 7225446387 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A drug that is most useful in the acute attack of gout is

Options :

1. ✔ Colchicines

2. ✖ Allopurinol

3. ✖ Probenecid

4. ✖ Aspirin

Question Number : 187 Question Id : 7225446388 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The most common route of administration of drugs is

1. ✓ Oral
2. ✗ Subcutaneous
3. ✗ Inhalation
4. ✗ Sublingual

Question Number : 188 Question Id : 7225446389 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Salicylic acid is often used as a/an

Options :

1. ✗ Antipyretic
2. ✗ Analgesic
3. ✗ Anti-inflammatory
4. ✓ Keratolytic agent

Which of the following anesthetic is given by i.v route to produce short term anesthesia

Options :

1. ✖ Procaine
2. ✖ Xylocaine
3. ✖ Halothane
4. ✔ Thiopental sodium

Question Number : 190 Question Id : 7225446391 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

An example of long acting benzodiazepine is

Options :

1. ✔ Diazepam
2. ✖ Alprazolam
3. ✖ Oxazepam

Temazepam

4. ✖

Question Number : 191 Question Id : 7225446392 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is not a drug distribution system

Options :

1. ✖ Complete floor stock system

2. ✖ Unit dose system

3. ✖ Non-floor stock system

4. ✔ Basal system

Question Number : 192 Question Id : 7225446393 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 _____ category drug

Options :

1. ✖ Anti-allergic

3. ✓ Tranquillizers

4. ✗ Spasmogenic

Question Number : 193 Question Id : 7225446394 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is not a constituent of lactated ringer injection

Options :

1. ✗ Sodium lactate

2. ✗ Sodium chloride

3. ✓ Potassium lactate

4. ✗ Potassium chloride

Question Number : 194 Question Id : 7225446395 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ is the chief extracellular cation

Options :

1. ✓ Sodium ion
2. ✗ Potassium ion
3. ✗ Calcium ion
4. ✗ Magnesium ion

Question Number : 195 Question Id : 7225446396 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

_____ are used to put the tissues of bones apart

Options :

1. ✗ Scalpels
2. ✓ Retractors
3. ✗ Catheters
4. ✗ Cast padding

Rofecoxib is commonly associated with _____

Options :

1. ✓ Cardiovascular complication
2. ✗ Neurological complication
3. ✗ Nephrological complication
4. ✗ Hormonal complication

Question Number : 197 Question Id : 7225446398 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Creatinine clearance is used as measurement of

Options :

1. ✗ Renal excretion rate
2. ✓ Glomerular filtration rate
3. ✗ Active renal secretion
4. ✗ Passive renal absorption

Question Number : 198 Question Id : 7225446399 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Self use of drug in a manner or amount that deviates from approved medical pattern is

Options :

1. ✖ Drug addiction
2. ✖ Drug habituation
3. ✔ Drug abuse
4. ✖ Drug dependence

Question Number : 199 Question Id : 7225446400 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Most food poisoning caused by species of

Options :

1. ✖ Typhus
2. ✖ Tetanus

3. ✓ Salmonella

4. ✗ Pasteurella

Question Number : 200 Question Id : 7225446401 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Bed strength of medium hospital is

Options :

1. ✗ 1000

2. ✓ 500-1000

3. ✗ 100-500

4. ✗ 100