

# Question Paper Preview

**Question Paper Name:**

Pharmacy

**Subject Name:**

Pharmacy

**Number of Questions:**

**Display Number Panel:**

**Group All Questions:**

Pharmaceutics

50

Yes

No

**Question Number : 1 Question Id : 67809418824 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The first edition of Indian Pharmacopoeia was published in the year

**Options :**

1. 1948
2. 1950
3. 1955
4. 1985

**Question Number : 2 Question Id : 67809418825 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The adult dose of a drug is 60 mg, then the dose of a 6 years old child would be

**Options :**

1. 30 mg
2. 20 mg
3. 15 mg
4. 10 mg

**Question Number : 3 Question Id : 67809418826 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The drug release at a predetermined rate from a dosage form in the body is said to be

**Options :**

1. Delayed release
2. Sustained release
3. Prolonged release
4. Controlled release

**Question Number : 4 Question Id : 67809418827 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Enteric Coating is achieved by using

**Options :**

1. Hydroxy propyl methyl cellulose

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2. Carboxy methyl cellulose
3. Cellulose acetate phthalate
4. Cross povidone

**Question Number : 5 Question Id : 67809418828 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Tyndalization is a process of

**Options :**

1. Formation of incompletely oxidized and foul smelling compounds
2. Sterilization by heating at 80°C
3. Prevention of growth of microorganism
4. Separation of tablet into two or more distinct layers

**Question Number : 6 Question Id : 67809418829 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Sterility test for the materials meant for surgical suture requires incubation for

**Options :**

1. 7 days
2. 14 days
3. 21 days
4. 28 days

**Question Number : 7 Question Id : 67809418830 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which mill has a conical rotor and stator?

**Options :**

1. Colloidal mill
2. Ball mill
3. Hammer mill
4. Fluid energy mill

**Question Number : 8 Question Id : 67809418831 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The output of size reduction of material in a machine depends on

**Options :**

1. Chemical nature
2. Bulk density
3. Physical character
4. Material structure

**Question Number : 9 Question Id : 67809418832 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

A double cone mixer is used for mixing

**Options :**

1. Liquids
2. Solids
3. Semisolids
4. Suspensions

Question Number : 10 Question Id : 67809418833 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

1 ounce of 1% w/v solution requires

Options :

1. 43.75 gr
2. 4.375 gr
3. 0.4375 gr
4. 437.5 gr

Question Number : 11 Question Id : 67809418834 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What % w/v of Boric acid is iso-osmotic with Plasma?

Options :

1. 5 %
2. 0.9%
3. 2 %
4. 10%

Question Number : 12 Question Id : 67809418835 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How many parts of 20% and 60% alcohol should be mixed to get 40% alcohol?

Options :

1. 20 parts of 20% and 20 parts of 60%
2. 30 parts of 20% and 20 parts of 60%
3. 20 parts of 20% and 30 parts of 60%
4. 30 parts of 20% and 40 parts of 60%

Question Number : 13 Question Id : 67809418836 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Soda lime glass is

Options :

1. Type I
2. Type II
3. Type III
4. Type NP

Question Number : 14 Question Id : 67809418837 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The process of conversion of solid to vapour without forming liquid in the presence of heat is called as

Options :

1. Evaporation
2. Sublimation
3. Imbibition

4. Calcination

**Question Number : 15 Question Id : 67809418838 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The process by which the inorganic substances are strongly heated to remove their volatile content is called as

**Options :**

1. Evaporation
2. Sublimation
3. Imbibition
4. Calcination

**Question Number : 16 Question Id : 67809418839 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The dryer used for non solid materials is

**Options :**

1. Rotary dryer
2. Spray dryer
3. Freeze dryer
4. Vacuum dryer

**Question Number : 17 Question Id : 67809418840 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

\_\_\_\_\_ concentration of ethylene oxide is used for sterilization for an exposure time of 10 hours at 25°C.

**Options :**

1. 88 mg/L
2. 221 mg/L
3. 442 mg/L
4. 884 mg/L

**Question Number : 18 Question Id : 67809418841 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The 000 size capsules can fill the volume of

**Options :**

1. 0.13 ml
2. 0.95 ml
3. 1.36 ml
4. 0.21 ml

**Question Number : 19 Question Id : 67809418842 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The acceptable limit of friability test for tablet is

**Options :**

1. 0.5 to 1 %

2. 5 to 10 %
3. 2.5 to 7.5 %
4. 1 to 5 %

**Question Number : 20 Question Id : 67809418843 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The coating used to prevent the drug from environmental factors is

**Options :**

1. Sugar coating
2. Film coating
3. Enteric coating
4. Flexible coating

**Question Number : 21 Question Id : 67809418844 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The proportion of Oil : Water : Gum in an emulsion containing volatile oil is

**Options :**

1. 1:2:1
2. 2:1:1
3. 2:2:1
4. 1:2:2

**Question Number : 22 Question Id : 67809418845 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Post cibos means

**Options :**

1. After operation
2. After two days
3. After meals
4. After two hours

**Question Number : 23 Question Id : 67809418846 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Method A for precipitate yielding combinations is used for \_\_\_\_\_ precipitate

**Options :**

1. Dispersible
2. Diffusible
3. Indiffusible
4. Cumulative

**Question Number : 24 Question Id : 67809418847 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Alkaloidal salts when dispensed with \_\_\_\_\_ substance, the alkaloid may be precipitated

**Options :**

1. Acidic
2. Neutral
3. Alkaline
4. Ampiphilic

**Question Number : 25 Question Id : 67809418848 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which of the following formula is used to calculate the dose for child based on body weight?

**Options :**

1. Young
2. Dilling
3. Fried
4. Clark

**Question Number : 26 Question Id : 67809418849 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Dusting powder should normally pass through sieve no.

**Options :**

1. 20
2. 100
3. 120
4. 180

**Question Number : 27 Question Id : 67809418850 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which of the following statement is not related to the flocculated system?

**Options :**

1. It has an appreciable attractive force
2. Particle form loose aggregates
3. Hard cake cannot be re-dispersed
4. Supernatant is clear

**Question Number : 28 Question Id : 67809418851 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Auxiliary emulsifying agents stabilize the emulsion by

**Options :**

1. Adjusting the viscosity of continuous phase
2. Changing the HLB value
3. Strengthening the polar head of the emulsion
4. Strengthening the non polar head of the emulsion

**Question Number : 29 Question Id : 67809418852 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The HLB range for lipophilic surfactant is

**Options :**

1. 2 - 9
2. 9 - 16
3. 16 - 20

**Question Number : 30 Question Id : 67809418853 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The aqueous solution meant for cleansing the body cavities is

**Options :**

1. Elixir
2. Lozenges
3. Douches
4. Sprays

**Question Number : 31 Question Id : 67809418854 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which of the following liquid dosage form has to be applied to skin with friction

**Options :**

1. Lotion
2. Liniment
3. Cream
4. Foams

**Question Number : 32 Question Id : 67809418855 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Cetyl trimethyl ammonium bromide is a

**Options :**

1. Anionic surfactant
2. Cationic surfactant
3. Non ionic surfactant
4. Cryophilic surfactant

**Question Number : 33 Question Id : 67809418856 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which of the following is not an antioxidant?

**Options :**

1. Tocopherols
2. Chlorocresol
3. Ascorbic acid
4. Sodium thiosulphate

**Question Number : 34 Question Id : 67809418857 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Irish moss is also known as

**Options :**

1. Pectin
2. Agar
3. Chondrus
4. Lanolin

**Question Number : 35 Question Id : 67809418858 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which of the following is not an absorption base used in ointments

**Options :**

1. Bees wax
2. Hard paraffin
3. Hydrous wool fat
4. Cholesterol

**Question Number : 36 Question Id : 67809418859 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Aurinaria means

**Options :**

1. Nasal bougies
2. Urethral bougies
3. Rectal suppositories
4. Ear cones

**Question Number : 37 Question Id : 67809418860 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Zinc stearate is commonly used as

**Options :**

1. Flavouring agent
2. Sweetening agent
3. Antiperspirant
4. Coloring agent

**Question Number : 38 Question Id : 67809418861 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The concentration of Dextrose in dextrose injection I.P is

**Options :**

1. 8 % w/v
2. 5 % w/v
3. 3 % w/v
4. 1 % w/v

**Question Number : 39 Question Id : 67809418862 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Span and tweens are

**Options :**

1. Phospholipids
2. Glycosides
3. Carbohydrates
4. Polyoxyalkalene derivatives

**Question Number : 40 Question Id : 67809418863 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Ringer's solution is an aqueous solution containing

**Options :**

1. Dextrose and sodium chloride
2. Fructose and sodium chloride

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3. Dextrose and sodium bicarbonate

4. Sodium, potassium and calcium chloride

**Question Number : 41 Question Id : 67809418864 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

In 1959 the Government of India has appointed the health survey planning committee named

**Options :**

1. Chopra Committee
2. Mudaliar Committee
3. Jain Committee
4. Raman Committee

**Question Number : 42 Question Id : 67809418865 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Pharmacy council of India is reconstituted for every

**Options :**

1. 2 years
2. 3 years
3. 4 years
4. 5 years

**Question Number : 43 Question Id : 67809418866 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which of the following is not an Ex-officio member of Pharmacy Council of India?

**Options :**

1. Registered Pharmacist nominated by State Government
2. The Director General of Health Services
3. The Director of Central Drug Laboratory
4. The Drug Controller of India

**Question Number : 44 Question Id : 67809418867 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Major amendment in Drugs and Cosmetics Act was made in

**Options :**

1. 1987
2. 1992
3. 1982
4. 1990

**Question Number : 45 Question Id : 67809418868 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Licenses for the manufacture of medicinal and toilet preparations are issued by

**Options :**

1. Director of Health Services
2. Central Government
3. Excise Commissioner of the states
4. Commissioner of the Central Excise

Question Number : 46 Question Id : 67809418869 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Magic Remedies Act was passed and enforced in the year

Options :

1. 1955
2. 1948
3. 1919
4. 1930

Question Number : 47 Question Id : 67809418870 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Chairman of DTAB is

Options :

1. President, PCI
2. Drugs Controller of India
3. Director, General Health Services
4. Union Health Minister

Question Number : 48 Question Id : 67809418871 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Talisman, Mantras and Kavachas comes under

Options :

1. Magic Remedies
2. Misleading therapy
3. Poisonous & Spurious treatment
4. Psychotropic drugs

Question Number : 49 Question Id : 67809418872 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Government opium factory is situated at

Options :

1. Lucknow
2. Tirunelveli
3. Ghazipur
4. Calcutta

Question Number : 50 Question Id : 67809418873 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is prohibited to be imported?

Options :

1. Toilet preparations
2. Misbranded drugs
3. Unani drugs
4. Schedule C drugs

Pharmaceutical Chemistry

Number of Questions:

50

Display Number Panel:

Yes

Question Number : 51 Question Id : 67809418874 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Radioactive disintegration is a \_\_\_\_\_ reaction

Options :

1. Pseudo unimolecular
2. Bimolecular
3. Termolecular
4. Unimolecular

Question Number : 52 Question Id : 67809418875 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Zinc oxide is used as \_\_\_\_\_

Options :

1. lubricant
2. an astringent
3. purgative
4. tranquilliser

Question Number : 53 Question Id : 67809418876 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Zinc stearate is chiefly used in \_\_\_\_\_ formulations

Options :

1. keratolytic
2. mucolytic
3. dusting powder
4. tooth powder

Question Number : 54 Question Id : 67809418877 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Chemically Borax is \_\_\_\_\_

Options :

1. hydrated aluminium silicate
2. Sodium Tetraborate
3. hydrated magnesium and aluminium silicate
4. borosilicate

Question Number : 55 Question Id : 67809418878 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Kaolin is also referred to as \_\_\_\_\_

Options :

1. French chalk
2. Bentonite
3. Calamine
4. China clay

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Question Number : 56 Question Id : 67809418879 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Heavy kaolin is obtained from \_\_\_\_\_

Options :

1. Dolomite
2. Apatite
3. Rutile
4. Feldspar

Question Number : 57 Question Id : 67809418880 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Magnesium trisilicate is used as \_\_\_\_\_

Options :

1. CNS stimulant
2. Antacid
3. CNS depressant
4. Local anti-infective

Question Number : 58 Question Id : 67809418881 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Magnesium sulphate is used orally as \_\_\_\_\_

Options :

1. Anticonvulsant
2. Saline purgative
3. Tranquiliser
4. Spasmolytic

Question Number : 59 Question Id : 67809418882 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ferrous sulphate is known as \_\_\_\_\_

Options :

1. Blue vitriol
2. White vitriol
3. Green vitriol
4. Oil of vitriol

Question Number : 60 Question Id : 67809418883 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sodium bicarbonate is a \_\_\_\_\_ antacid while aluminium based antacids are \_\_\_\_\_

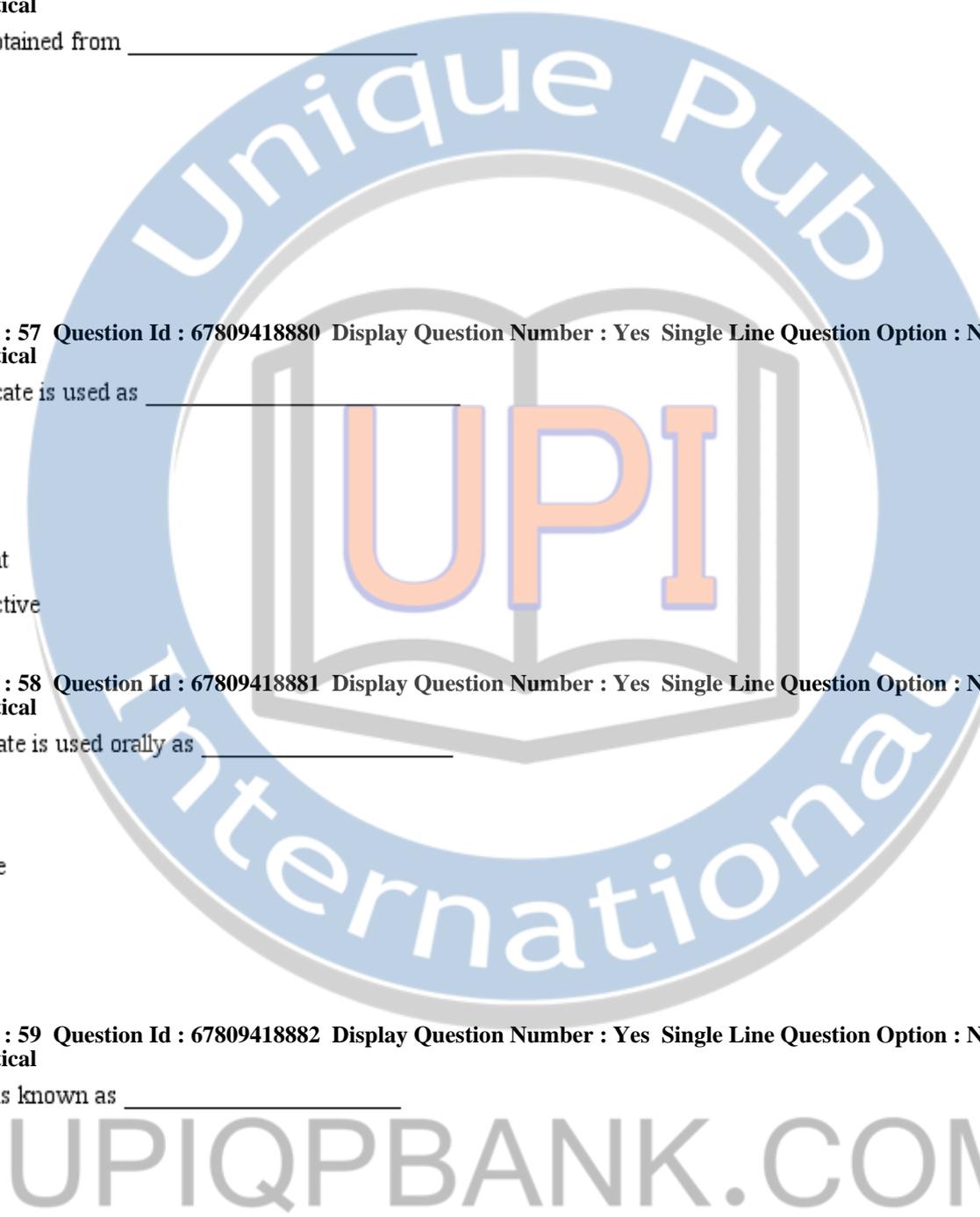
Options :

1. non systemic, systemic
2. laxative, systemic
3. systemic, non systemic
4. laxative, non systemic

Question Number : 61 Question Id : 67809418884 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Long term use of aluminium hydroxide gel can lead to \_\_\_\_\_ deficiency

Options :



1. Vitamin A
2. Potassium
3. Calcium
4. Phosphate

Question Number : 62 Question Id : 67809418885 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Boric acid is a \_\_\_\_\_

Options :

1. deliquescent
2. efflorescent
3. hygroscopic
4. non-hygroscopic

Question Number : 63 Question Id : 67809418886 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Selenium sulphide is a \_\_\_\_\_

Options :

1. bright orange powder and insoluble in water
2. bright orange powder and soluble in water
3. white crystalline powder and insoluble in water
4. white amorphous powder and soluble in water

Question Number : 64 Question Id : 67809418887 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sodium metabisulphite is used as \_\_\_\_\_

Options :

1. preservative
2. solubilizing agent
3. peptising agent
4. antioxidant

Question Number : 65 Question Id : 67809418888 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Selenium disulfide is used for \_\_\_\_\_

Options :

1. topical agent
2. gastrointestinal agent
3. antioxidant
4. respiratory stimulant

Question Number : 66 Question Id : 67809418889 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Magnesium oxide is a \_\_\_\_\_

Options :

1. white hygroscopic solid mineral
2. white hygroscopic liquid mineral
3. yellow hygroscopic solid mineral

4. yellow hygroscopic liquid mineral

Question Number : 67 Question Id : 67809418890 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Aluminium phosphate is \_\_\_\_\_

Options :

1. White, amorphous powder and soluble in HCl & HNO<sub>3</sub>
2. White, crystalline powder and freely soluble in HCl & HNO<sub>3</sub>
3. White, crystalline powder and completely insoluble in HCl & HNO<sub>3</sub>
4. White, crystalline powder and very slightly soluble in HCl & HNO<sub>3</sub>

Question Number : 68 Question Id : 67809418891 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

\_\_\_\_\_ is commonly known as laughing gas

Options :

1. Nitrous oxide
2. Carbon dioxide
3. Oxygen
4. Nitric oxide

Question Number : 69 Question Id : 67809418892 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

\_\_\_\_\_ molecular formula is C<sub>8</sub>H<sub>10</sub>K<sub>2</sub>O<sub>15</sub>Sb<sub>2</sub>

Options :

1. Potassium sodium tartrate tetrahydrate
2. Antimony potassium tartrate
3. Antimony triselenide
4. Antimony tetroxide

Question Number : 70 Question Id : 67809418893 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

\_\_\_\_\_ is the correct statement for potassium chloride.

Options :

1. The compound is highly insoluble in water
2. The compound is soluble in many organic solvents
3. The compound dissolves in water and gets partially ionized into solvated

4. The compound is extracted from brine (salt water)

**Question Number : 71 Question Id : 67809418894 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The drug analgin is a \_\_\_\_\_

**Options :**

1. pyrrole acetic acid derivative
2. indole acetic acid derivative
3. pyroolidine derivative
4. pyrazine derivative

**Question Number : 72 Question Id : 67809418895 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Diphenhydramine is a \_\_\_\_\_

**Options :**

1. amino alkyl ether
2. amino alkyl ester
3. amide
4. primary amine

**Question Number : 73 Question Id : 67809418896 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Mepyramine belongs to the following group

**Options :**

1. Diaryl carbonyl ethers
2. Diaryl alkylene diamines
3. Phenothiazine derivatives
4. Propylamine derivatives

**Question Number : 74 Question Id : 67809418897 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Chloroquine is a \_\_\_\_\_

**Options :**

1. 4-amino quinoline
2. 8-amino quinoline
3. 6-amino quinoline
4. 6-methoxy quinoline

**Question Number : 75 Question Id : 67809418898 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Amodiaquine is \_\_\_\_\_

**Options :**

1. 7-chloro, 4-(4-diethyl amino methyl 4-hydroxy phenyl) quinoline
2. 7-chloro, 4-(3-diethyl amino methyl 4-hydroxy anilino) quinoline
3. 6-methoxy, 8-(4-amino, 1-methyl butylamino) hydroxy quinoline
4. 8-(4-amino, 1-methyl, butyl amino) 6-methoxy quinoline

**Question Number : 76 Question Id : 67809418899 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Diloxamide furate is used as \_\_\_\_\_

Options :

1. anthelmintic
2. antidiarrhoeal
3. amoebicide
4. ascaricide

Question Number : 77 Question Id : 67809418900 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Histamine contains \_\_\_\_\_ ring system

Options :

1. pyrazine
2. pyrimidine
3. imidazole
4. pyrrole

Question Number : 78 Question Id : 67809418901 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Methimazole is used in \_\_\_\_\_

Options :

1. allergic reaction
2. amoebiasis
3. hyper thyroidism
4. migraine

Question Number : 79 Question Id : 67809418902 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Nitrofurantoin is used as \_\_\_\_\_

Options :

1. antiepileptic
2. amoebicidal
3. antimalarial
4. urinary antiseptic

Question Number : 80 Question Id : 67809418903 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

5- Fluorouracil is used \_\_\_\_\_

Options :

1. as antiviral
2. as antifungal
3. as anticancer
4. in dental caries

Question Number : 81 Question Id : 67809418904 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Phenobarbitone is \_\_\_\_\_

Options :

1. 5-ethyl-5-phenyl barbituric acid
2. 5-n-butyl-5-phenyl barbituric acid

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3. 5-ethyl-5-isopentyl barbituric acid
4. 5-ethyl-5-(1-methyl-butyl) barbituric acid

**Question Number : 82 Question Id : 67809418905 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Cyclobarbitone is \_\_\_\_\_

**Options :**

1. 5-ethyl-5-cyclohex-1-enyl barbituric acid
2. 5-allyl-5-(1-methyl butyl) barbituric acid
3. 5-allyl-5-neo-pentyl barbituric acid
4. Alpha 5-allyl-1-methyl-5(1-methyl-pent-2enyl) barbituric acid

**Question Number : 83 Question Id : 67809418906 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Nitrazepam is a \_\_\_\_\_

**Options :**

1. benzodiazepine
2. dibenzazepine
3. tricyclic derivative
4. nitroso derivative

**Question Number : 84 Question Id : 67809418907 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Benzocaine is \_\_\_\_\_

**Options :**

1. amide
2. secondary amine
3. substituted amide
4. ester

**Question Number : 85 Question Id : 67809418908 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Mitomycin is used as \_\_\_\_\_

**Options :**

1. anticonvulsant
2. antipyretic
3. antineoplastic
4. antiadrenergic

**Question Number : 86 Question Id : 67809418909 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which of the following macro-molecule can be most structurally diverse among living world?

**Options :**

1. Carbohydrates
2. Proteins
3. Nucleic acids
4. Lipids

Question Number : 87 Question Id : 67809418910 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Amino acids are joined by \_\_\_\_\_

Options :

1. Hydrogen bond
2. Peptide bond
3. Ionic bond
4. Glycosidic bond

Question Number : 88 Question Id : 67809418911 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The primary structure of proteins represents \_\_\_\_\_

Options :

1. linear sequence of amino acids joined by peptide bond
2. 3- dimensional structure of protein
3. helical structure of protein
4. sub unit structure of protein

Question Number : 89 Question Id : 67809418912 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Enzymes are \_\_\_\_\_

Options :

1. Proteins
2. Carbohydrates
3. Nucleic acids
4. DNA molecules

Question Number : 90 Question Id : 67809418913 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The vitamin C or Ascorbic acid prevents \_\_\_\_\_

Options :

1. Pellagra
2. Antibody synthesis
3. Rickets
4. Scurvy

Question Number : 91 Question Id : 67809418914 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is correctly matched?

Options :

1. Vitamin E - Tocopherol
2. Vitamin D - Riboflavin
3. Vitamin B - Calciferol
4. Vitamin A - Thiamine

Question Number : 92 Question Id : 67809418915 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

\_\_\_\_\_ is used to detect creatine from urine sample

Options :

1. Rothera's test
2. Hay's test
3. Jaffer's test
4. Benedicts test

**Question Number : 93 Question Id : 67809418916 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Structure of enzyme is \_\_\_\_\_

**Options :**

1. two dimensional coiled strands
2. three dimensional coiled strands
3. long unbranched chains
4. short branched chains

**Question Number : 94 Question Id : 67809418917 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Invert sugar is \_\_\_\_\_

**Options :**

1. starch
2. glucose
3. fructose
4. hydrolytic product of sucrose

**Question Number : 95 Question Id : 67809418918 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

\_\_\_\_\_ is used for determination of ketoses (fructose and sucrose)

**Options :**

1. Mucic test
2. Seliwanoff test
3. Barfoed's test
4. Benedict's test

**Question Number : 96 Question Id : 67809418919 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

In normal urine composition, sodium ions content is \_\_\_\_\_

**Options :**

1. 2.27 g/l
2. 1.17 g/l
3. 3.2 g/l
4. 3.6 g/l

**Question Number : 97 Question Id : 67809418920 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which of the following statements about erythrocytes is correct?

**Options :**

1. They fight infection
2. They clot blood
3. They lack a nucleus

4. They are produced in the spleen

**Question Number : 98 Question Id : 67809418921 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

An increased white blood cell count is indicative of which disease?

**Options :**

1. Lupus
2. Leukaemia
3. Anaemia
4. Melanoma

**Question Number : 99 Question Id : 67809418922 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Platelets are formed from what type of cell?

**Options :**

1. Melanocytes
2. Macrophages
3. Astrocytes
4. Megakaryocytes

**Question Number : 100 Question Id : 67809418923 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Where does haematopoiesis take place?

**Options :**

1. Lungs
2. Pancreas
3. Liver
4. Bone marrow

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Pharmacognosy

<b>Number of Questions:</b>	50
<b>Display Number Panel:</b>	Yes
<b>Group All Questions:</b>	No

**Question Number : 101 Question Id : 67809418924 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Drug that belongs to myrtaceae family is

**Options :**

1. Datura
2. Cinchona
3. Clove
4. Cinnamon

**Question Number : 102 Question Id : 67809418925 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Micro propagation of the plants is carried out through

**Options :**

1. Cross fertilization
2. Seed germination
3. Plant tissue culture
4. Grafting

**Question Number : 103 Question Id : 67809418926 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which of the following is used as emetic?

**Options :**

1. Rauwolfia
2. Ipecac
3. Datura
4. Squill

**Question Number : 104 Question Id : 67809418927 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

More of earthy matter in a rhizome is determined by

**Options :**

1. Total Ash value
2. The earthy material is separated and the weighed
3. The rhizome is washed in water and then in hydrochloric acid finally it is weighed
4. Acid insoluble ash value

**Question Number : 105 Question Id : 67809418928 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which of the following contains volatile oils?

**Options :**

1. Cinchona
2. Datura
3. Coriander
4. Digitalis

**Question Number : 106 Question Id : 67809418929 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Amygdalin on hydrolysis gives

**Options :**

1. Mandelonitrile + Benzaldehyde
2. Mandelonitrile + Benzaldehyde + Glucose
3. Mandelonitrile + Glucose
4. Mandelonitrile + Benzaldehyde + Rhamnose

**Question Number : 107 Question Id : 67809418930 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Precursor for the biosynthesis of tropane of alkaloids is

**Options :**

1. Leucine
2. Lysine
3. Ornithine

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4. Tyrosine

Question Number : 108 Question Id : 67809418931 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Zingiberene is

Options :

1. Monoterpenoid
2. Sesquiterpenoid
3. Diterpenoid
4. Triterpenoid

Question Number : 109 Question Id : 67809418932 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Vinca alkaloids are isolated from

Options :

1. *Catharanthus roseus* and contain indole and indoline moieties
2. *Rosco chromogens* and contain indole and indoline moieties
3. *Catharanthus roseus* and contain quinoline and quinaldine moieties
4. *Catharanthus indicus* and contain indole and quinoline moieties

Question Number : 110 Question Id : 67809418933 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Papaverine is

Options :

1. 6,7 - dimethoxy - 1 - (3', 4' - dimethoxy benzyl) isoquinoline
2. 6,7 - dimethoxy - 1 - (3', 4' - dimethyl benzyl) isoquinoline
3. 6,7 - dimethoxy - 1 - (3', 4' - dimethoxy benzyl) quinoline
4. 6,7 - dimethoxy - 1 - (3', 4' - dimethoxy benzyl) quinine

Question Number : 111 Question Id : 67809418934 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A novel diterpinoid isolated from the bark of *Taxus Brevifolia* is

Options :

1. Demecolcine
2. Paclitaxel
3. Vinblastin
4. Brevifolicin

Question Number : 112 Question Id : 67809418935 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Gugulipid, a resin is

Options :

1. a hypolipidemic agent obtained from cotton plants containing multi functional compound
2. a lipid obtained from *Arctium lappa*, Asteraceae and traditionally used for the treatment of dermatoses
3. cathartic glucoresin obtained from *Ipomoea orizabensis* and used since ancient time
4. a hypolipidemic agent obtained from *Commiphora mukul* consisting of a mixture of sterols including Z-pregna-(20)-diene-3, 16-dione.

Question Number : 113 Question Id : 67809418936 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following apparatus is used to determine volatile oil content?

Options :

1. Clevenger's apparatus
2. Dean stark's apparatus
3. Karl-Fischer apparatus
4. Flask

Question Number : 114 Question Id : 67809418937 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Safoof from unanai system is

Options :

1. Decoction
2. Medicated ghee
3. Powder
4. Pill

Question Number : 115 Question Id : 67809418938 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Margosa tree is

Options :

1. Neem
2. Palash
3. Kantkari
4. Asava/Arishta

Question Number : 116 Question Id : 67809418939 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Aflatoxin is

Options :

1. Marine toxin
2. Fungal toxin
3. Bacterial toxin

4. Plant toxin

**Question Number : 117 Question Id : 67809418940 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Toxicity of Castor oil is due to

**Options :**

1. Alkaloids
2. Proteins
3. Lipids
4. Essential oil

**Question Number : 118 Question Id : 67809418941 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Sessile trichomes are present in

**Options :**

1. Vinca
2. Vasaka
3. Datura
4. Senna

**Question Number : 119 Question Id : 67809418942 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Example of iso-quinoline alkaloids is

**Options :**

1. Cinchona
2. Opium
3. Kurchi
4. Ergot

**Question Number : 120 Question Id : 67809418943 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Gymnema is useful in treatment of

**Options :**

1. Diabetes
2. Inflammation
3. Cancer
4. Hypertension

**Question Number : 121 Question Id : 67809418944 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

When at least 51% shares of a business organization are in the hands of the Government, it is called

**Options :**

1. Public corporation
2. Government company
3. Public company
4. Departmental organization

**Question Number : 122 Question Id : 67809418945 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Multiple shops deal in

**Options :**

1. All types of goods
2. Same type of goods
3. Specified same types of goods
4. Specified types of goods

**Question Number : 123 Question Id : 67809418946 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

In a drug store, the expiry dated drug formulations are called,

**Options :**

1. Scrap items
2. Surplus items
3. Obsolete items
4. Dormant materials

**Question Number : 124 Question Id : 67809418947 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The accounting transactions are generally made on the basis of invoices, vouchers and receipts. State the concept which is applicable here,

**Options :**

1. Verifiable objective evidence
2. Entity
3. Accrual
4. Revenue realization

**Question Number : 125 Question Id : 67809418948 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The concept that business enterprises will not be sold or liquidated in the near future is known as,

**Options :**

1. Accounting period
2. Going concern
3. Cost
4. Money measurement

**Question Number : 126 Question Id : 67809418949 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

A ledger is a book of

**Options :**

1. Original entry
2. Secondary entry
3. All cash transactions
4. Petty cash transactions

**Question Number : 127 Question Id : 67809418950 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The monthly or weekly total of the purchases book is posted to

**Options :**

1. Debit of the purchases account

2. Debit of sales account
3. Credit of the purchases account
4. Credit of sales account

**Question Number : 128 Question Id : 67809418951 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Trade between two countries known as

**Options :**

1. Import
2. Export
3. Foreign trade
4. Regional trade

**Question Number : 129 Question Id : 67809418952 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The maximum number of members allowed in a public limited company is,

**Options :**

1. 10
2. 20
3. 50
4. Unlimited

**Question Number : 130 Question Id : 67809418953 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Mail order business is,

**Options :**

1. Retail trade
2. Wholesale trade
3. Retail trade by post
4. Wholesale trade by post

**Question Number : 131 Question Id : 67809418954 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Retail sale drug store can be started with a minimum area of,

**Options :**

1. 150 Sq. ft.
2. 90 - 100 Sq. ft.
3. 200 Sq. ft.
4. 70 - 80 Sq. ft.

**Question Number : 132 Question Id : 67809418955 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

In VED analysis V stands for,

**Options :**

1. Very good items
2. Very important item
3. Vital item
4. Average item

Question Number : 133 Question Id : 67809418956 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following modes of advertisement is long lasting,

Options :

1. Radio
2. T.V.
3. Newspapers and Magazines
4. Sign boards

Question Number : 134 Question Id : 67809418957 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Shareholders are the

Options :

1. Managers of business
2. Owners of business
3. Creditors of business
4. Employee of business

Question Number : 135 Question Id : 67809418958 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

"Each transaction has double effect" is shown by

Options :

1. Cost concept
2. Dual aspect concept
3. Realization concept
4. Money measurement concept

Question Number : 136 Question Id : 67809418959 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Incubation period of Measles is

Options :

1. 5 days
2. 7 days
3. 10 days
4. 18 days

Question Number : 137 Question Id : 67809418960 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Influenza spreads by

Options :

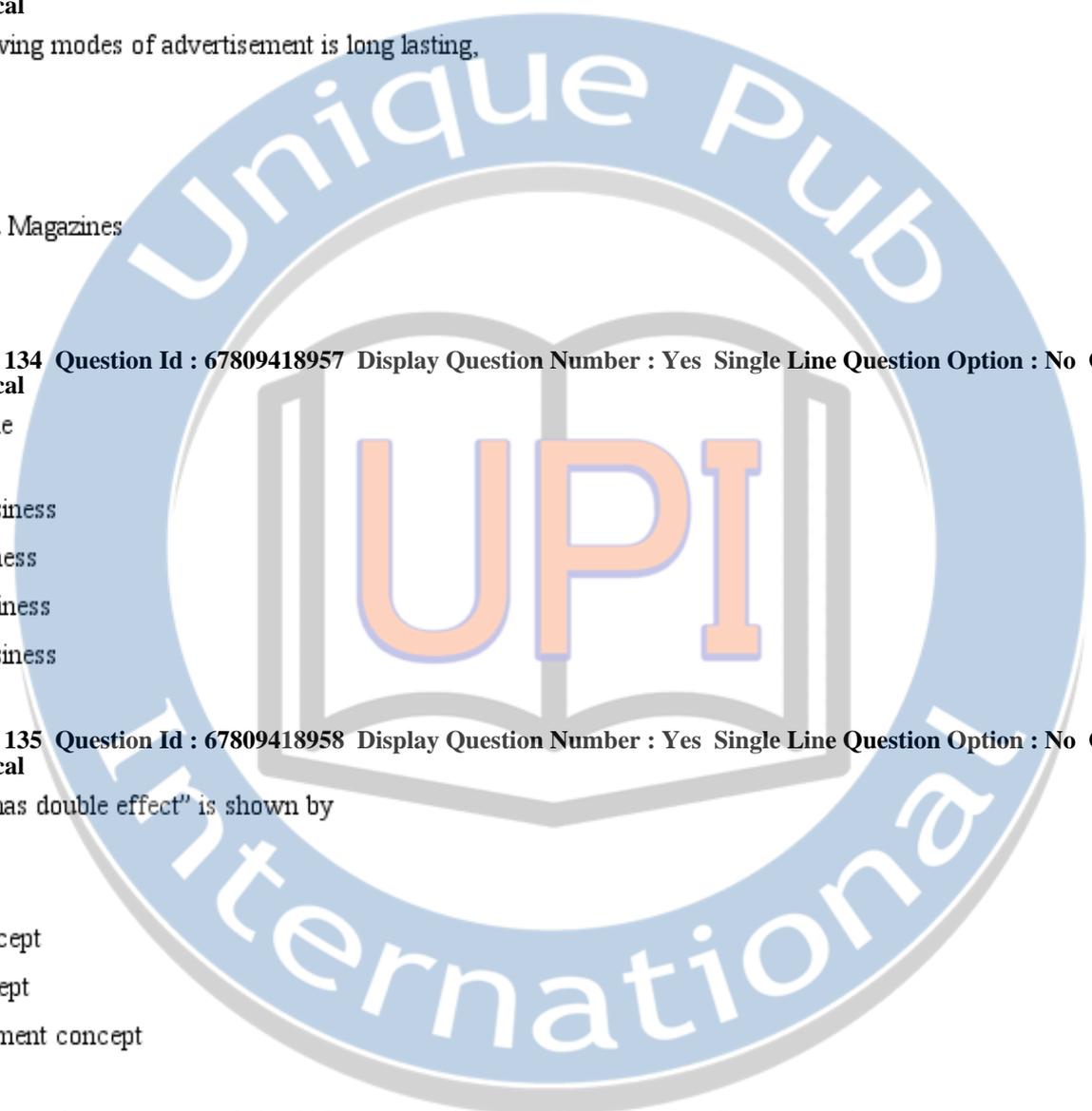
1. Faecal route
2. Droplet infection
3. Genetically
4. Mother to foetus

Question Number : 138 Question Id : 67809418961 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

HIV virus is

Options :

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1. DNA virus
2. RNA virus
3. Tanapox virus
4. Varicella virus

**Question Number : 139 Question Id : 67809418962 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

For 1 litre of oral rehydration solution, amount of common salt needed is

**Options :**

1. 1.5 gm
2. 2.5 gm
3. 3.5 gm
4. 4.5 gm

**Question Number : 140 Question Id : 67809418963 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Causes of blindness in order of the prevalence are

**Options :**

1. Cataract, trachoma, malnutrition
2. Malnutrition, trachoma, cataract
3. Trachoma, cataract, malnutrition
4. Cataract, malnutrition, trachoma

**Question Number : 141 Question Id : 67809418964 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Rheumatic heart disease affects

**Options :**

1. Heart and muscles
2. Heart and nerves
3. Heart and arteries
4. Heart and joints

**Question Number : 142 Question Id : 67809418965 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Seasonal trend is shown by all except

**Options :**

1. Measles
2. Heat stroke
3. Influenza
4. Accidents

**Question Number : 143 Question Id : 67809418966 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Earlier sign of Vitamin A deficiency is

**Options :**

1. Conjunctival xerosis
2. Night blindness
3. Bitots spot

4. Keratomalacia

**Question Number : 144 Question Id : 67809418967 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Daily requirement of Vit D in pregnancy is

**Options :**

1. 2.5mcg
2. 5mcg
3. 7.5mcg
4. 10mcg

**Question Number : 145 Question Id : 67809418968 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Daily requirement of iodine is

**Options :**

1. 100mcg
2. 150mcg
3. 200mcg
4. 250mcg

**Question Number : 146 Question Id : 67809418969 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Sex ratio is defined as

**Options :**

1. Number of females/1000 males
2. Number males/1000 females
3. Number of female births in 1000 births
4. Number of male births per 1000 births

**Question Number : 147 Question Id : 67809418970 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The term 'infestation' refers to

**Options :**

1. Bacteria
2. Viruses
3. Rickettsia
4. Parasites

**Question Number : 148 Question Id : 67809418971 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

EDTA is antidote for

**Options :**

1. Arsenic, bismuth
2. Lead, Mercury
3. Heavy metals
4. Organophosphorous compound

**Question Number : 149 Question Id : 67809418972 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Commonly calculated period is

**Options :**

1. Incubation period
2. Latent period
3. Serial interval
4. Generation time

**Question Number : 150 Question Id : 67809418973 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

A good sample of bleaching powder should have

**Options :**

1. 10-20% of chlorine
2. 25-33% of chlorine
3. 35-40% of chlorine
4. 40-50% of chlorine

**Number of Questions:**  
**Display Number Panel:**  
**Group All Questions:**

Pharmacology

50

Yes

No

**Question Number : 151 Question Id : 67809418974 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The brain of the cell is

**Options :**

1. Nucleus
2. Cell membrane
3. Mitochondria
4. Endoplasmic reticulum

**Question Number : 152 Question Id : 67809418975 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The largest collection of lymphatic tissue in the adult body is located in the

**Options :**

1. Liver
2. Thymus
3. Spleen
4. Tonsils

**Question Number : 153 Question Id : 67809418976 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Another name for the wrist bones is \_\_\_\_\_

**Options :**

1. Metacarpals
2. Carpals

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3. Phalanges

4. Tarsals

**Question Number : 154 Question Id : 67809418977 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The inner surface of the eyelids are lined with

**Options :**

1. Conjunctiva
2. Extrinsic eye muscles
3. Dense connective tissue
4. Lacrimal apparatus

**Question Number : 155 Question Id : 67809418978 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which muscle is the strongest flexor of the elbow?

**Options :**

1. Brachialis
2. Biceps brachii
3. Brachioradialis
4. Deltoid

**Question Number : 156 Question Id : 67809418979 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The cells that conduct messages towards the brain are the

**Options :**

1. Motor neurons
2. Sensory neurons
3. Interneurons
4. Neuroglia

**Question Number : 157 Question Id : 67809418980 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The cerebral hemispheres are connected by the \_\_\_\_\_

**Options :**

1. Longitudinal fissure
2. Cortex
3. Corpus callosum
4. Brain stem

**Question Number : 158 Question Id : 67809418981 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The auditory canal is part of the

**Options :**

1. Inner ear
2. Middle ear
3. Outer ear
4. Pinna

Question Number : 159 Question Id : 67809418982 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Hypothyroidism in infants can result in

Options :

1. Grave's disease
2. Cretinism
3. Hashimoto's disease
4. Myxedema

Question Number : 160 Question Id : 67809418983 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which hormone has the greatest influence on the ability to secrete milk?

Options :

1. Oxytocin
2. Prolactin
3. Estrogen
4. Progesterone

Question Number : 161 Question Id : 67809418984 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The largest cells in the blood that leave the bloodstream to become macrophages are the

Options :

1. Eosinophils
2. Monocyte
3. Basophil
4. Neutrophil

Question Number : 162 Question Id : 67809418985 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The liquid portion of blood is referred to as

Options :

1. Serum
2. Plasma
3. Whole blood
4. Hematocrit

Question Number : 163 Question Id : 67809418986 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How many openings are there in the right atrium?

Options :

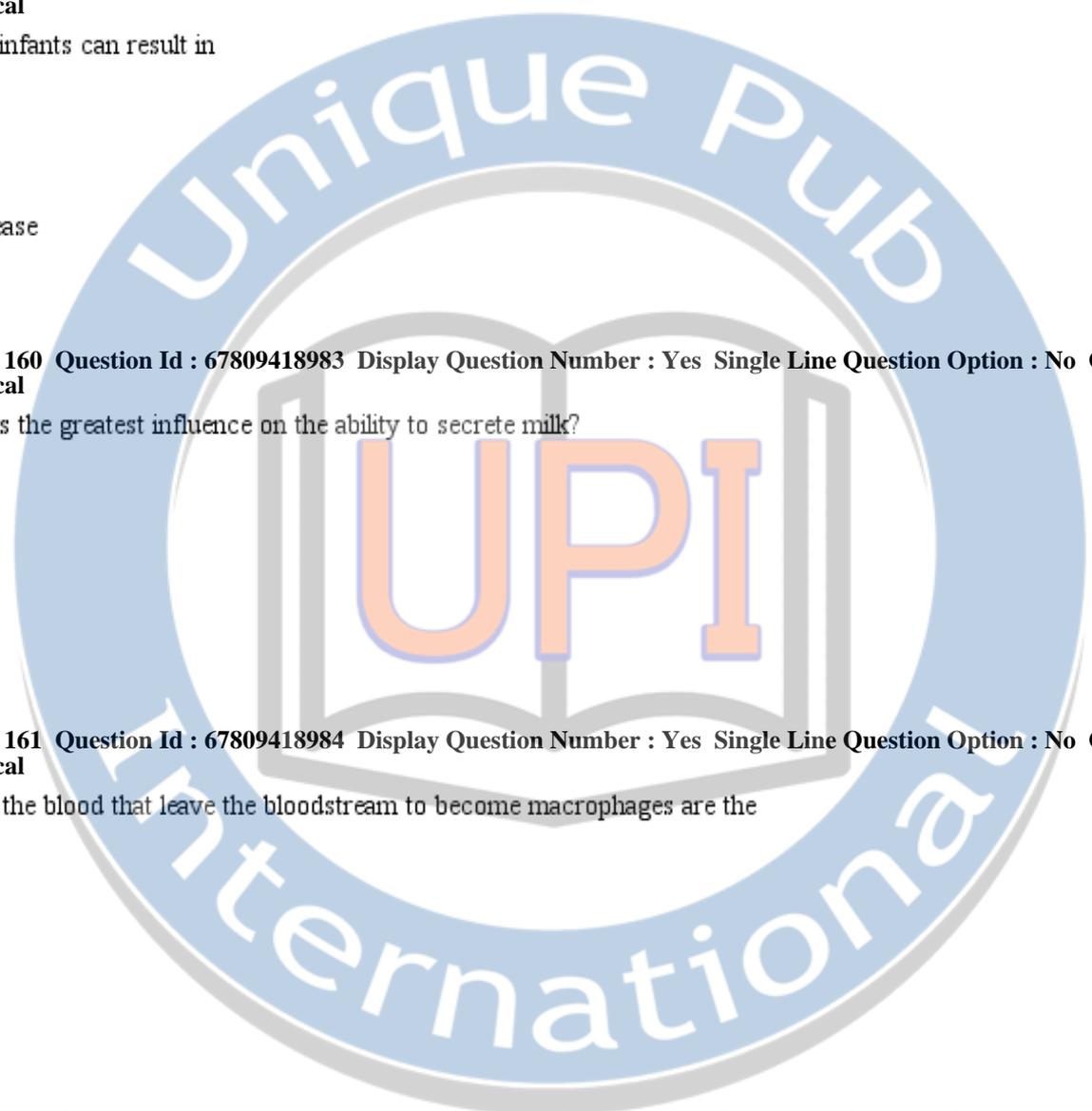
1. 2
2. 1
3. 4
4. 3

Question Number : 164 Question Id : 67809418987 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The last in the cardiac conduction sequence is the

Options :

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1. SA node
2. AV node
3. AV bundle
4. Purkinje fibers

**Question Number : 165 Question Id : 67809418988 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

A heartbeat of less than 60 beats per minute is called

**Options :**

1. tachycardia
2. bradycardia
3. arrhythmia
4. fibrillation

**Question Number : 166 Question Id : 67809418989 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The outer layer of the intestines is the

**Options :**

1. mucosa
2. serosa
3. submucosa
4. muscularis

**Question Number : 167 Question Id : 67809418990 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

What is the first structure in the respiratory sequence?

**Options :**

1. Lungs
2. Trachea
3. larynx
4. pharynx

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**Question Number : 168 Question Id : 67809418991 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The outermost structure of a kidney is the

**Options :**

1. Cortex
2. Medulla
3. Capsule
4. pelvis

**Question Number : 169 Question Id : 67809418992 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

An abnormal accumulation of interstitial fluid is termed

**Options :**

1. Inflammation
2. necrosis
3. hypoproteinemia

4. edema

**Question Number : 170 Question Id : 67809418993 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which structure is formed following ovulation?

**Options :**

1. Graafian follicle
2. secondary oocyte
3. corpus luteum
4. coronal radiata

**Question Number : 171 Question Id : 67809418994 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Biotransformation of the drugs is to render them

**Options :**

1. Less ionized
2. More pharmacologically active
3. More lipid soluble
4. Less lipid soluble

**Question Number : 172 Question Id : 67809418995 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Conjugation of a drug includes the following EXCEPT

**Options :**

1. Glucoronidation
2. Sulfate formation
3. Hydrolysis
4. Methylation

**Question Number : 173 Question Id : 67809418996 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Pharmacodynamics involves the study of the following:

**Options :**

1. Mechanisms of drug action
2. Biotransformation of drugs in the organism
3. Distribution of drugs in the organism
4. Excretion of drug from the organism

**Question Number : 174 Question Id : 67809418997 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

What phenomenon can occur in case of using a combination of drugs?

**Options :**

1. Tolerance
2. Tachyphylaxis
3. Accumulation
4. Synergism

**Question Number : 175 Question Id : 67809418998 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Indicate the local anesthetic agent, which has a shorter duration of action

**Options :**

1. Lidocaine
2. Procaine
3. Bupivacaine
4. Ropivacaine

**Question Number : 176 Question Id : 67809418999 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which of the following cholinomimetics is commonly used in the treatment of glaucoma?

**Options :**

1. Pilocarpine
2. Lobeline
3. Acetylcholine
4. Neostigmine

**Question Number : 177 Question Id : 67809419000 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Indicate the long-acting neuromuscular blocking agent

**Options :**

1. Rapacuronium
2. Mivacurium
3. Tubocurarine
4. Rocuronium

**Question Number : 178 Question Id : 67809419001 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Indicate the indirect-acting adreno-receptor blocking drug

**Options :**

1. Tolazoline
2. Reserpine
3. Carvedilol
4. Prazosin

**Question Number : 179 Question Id : 67809419002 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Beta-receptor antagonists cause

**Options :**

1. Stimulation of lipolysis
2. Stimulation of gluconeogenesis
3. Inhibition of glycogenolysis
4. Stimulation of insulin secretion

**Question Number : 180 Question Id : 67809419003 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Indicate the competitive antagonist of benzodiazepine receptor:

**Options :**

1. Flumazenil
2. Picrotoxin

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3. Zolpidem
4. Temazepam

**Question Number : 181 Question Id : 67809419004 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Phenytoin is used in the treatment of

**Options :**

1. Petit mal epilepsy
2. Grand mal epilepsy
3. Myoclonic seizures
4. Absence seizures

**Question Number : 182 Question Id : 67809419005 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which of the following agent is the precursor of dopamine?

**Options :**

1. Bromocriptine
2. Levodopa
3. Selegiline
4. Amantadine

**Question Number : 183 Question Id : 67809419006 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which of the following agents is an inhibitor of aldehyde dehydrogenase?

**Options :**

1. Fomepizole
2. Ethanol
3. Disulfiram
4. Naltrexone

**Question Number : 184 Question Id : 67809419007 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Neuroleptics are used to treat

**Options :**

1. Neurosis
2. Psychosis
3. Narcolepsy
4. Parkinsonian disorders

**Question Number : 185 Question Id : 67809419008 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Indicate an effective antidepressant with minimal autonomic toxicity:

**Options :**

1. Amitriptyline
2. Fluoxetine
3. Imipramine
4. Doxepin

Question Number : 186 Question Id : 67809419009 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following antiviral drugs is not an antiretroviral agent?

Options :

1. Acyclovir
2. Zidovudine
3. Zalcitabine
4. Didanosine

Question Number : 187 Question Id : 67809419010 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The drug of choice for syphilis treatment is

Options :

1. Gentamycin
2. Penicillin
3. Chloramphenicol
4. Doxycycline

Question Number : 188 Question Id : 67809419011 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Insulin cannot be administered by

Options :

1. Oral route
2. Intravenous route
3. Subcutaneous route
4. Intramuscular route.

Question Number : 189 Question Id : 67809419012 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Select the positive inotropic drug of non-glycoside structure from the following:

Options :

1. Digitoxin
2. Digoxin
3. Dobutamine
4. Strophanthin

Question Number : 190 Question Id : 67809419013 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Select the diuretic agent - aldosterone antagonist from the following:

Options :

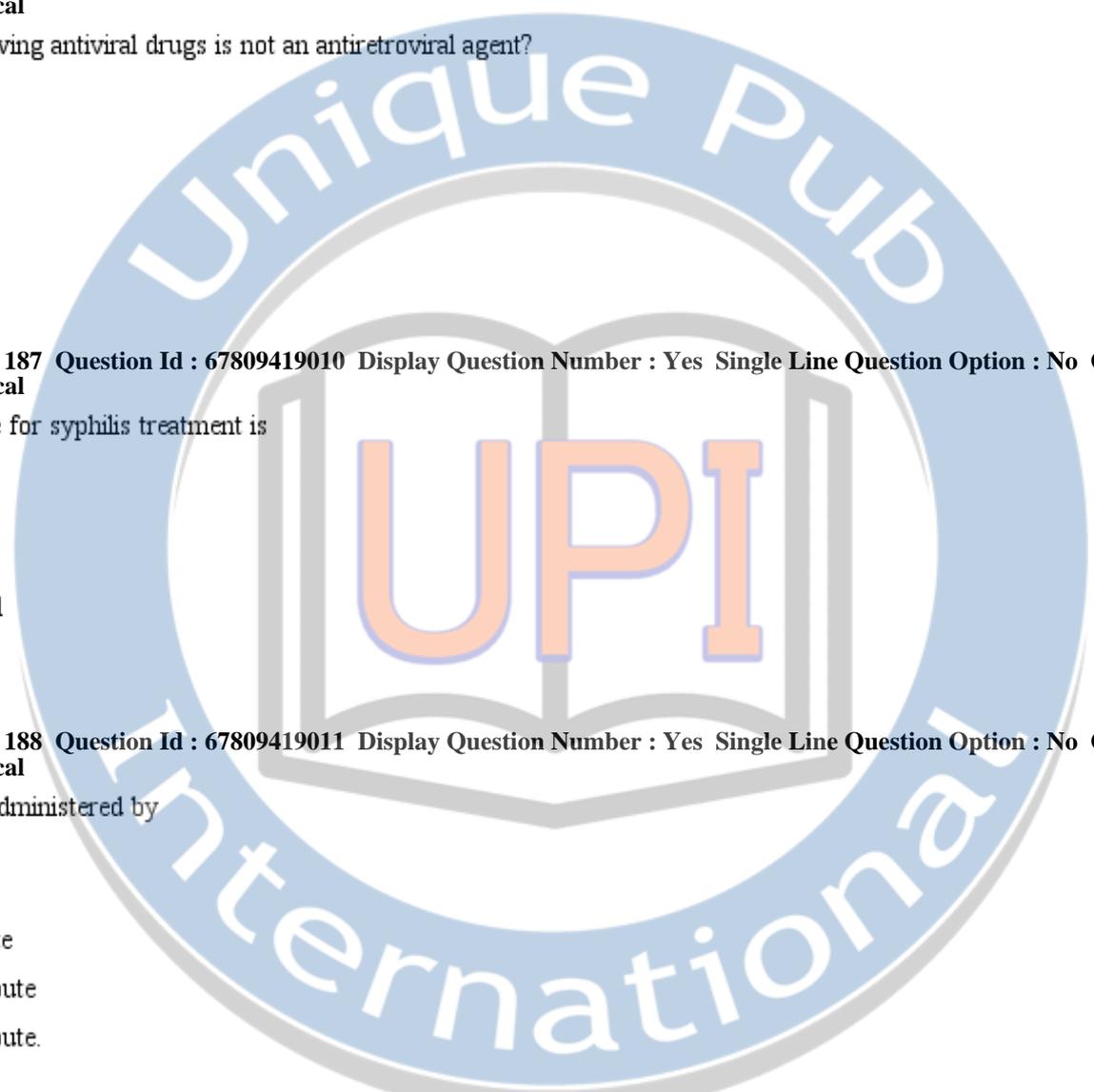
1. Furosemide
2. Spironolactone
3. Dichlothiazide
4. Captopril

Question Number : 191 Question Id : 67809419014 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The hospital is defined as

Options :

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1. An institution of community health
2. An institution of disease
3. An institution of patients
4. An institution of medical health

**Question Number : 192 Question Id : 67809419015 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Clinically hospitals are classified on the basis of

**Options :**

1. Patients
2. Physician
3. Major diseases
4. Major symptoms

**Question Number : 193 Question Id : 67809419016 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Bed strength of medium hospital is

**Options :**

1. 1000
2. 500 to 1000
3. 100 to 500
4. 100

**Question Number : 194 Question Id : 67809419017 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

What is not necessarily written on label at the individual drug distribution in hospitals?

**Options :**

1. drug's name
2. dosage
3. patient's name
4. diagnose

**Question Number : 195 Question Id : 67809419018 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Which injuries don't belong to the concept of 'side effect' according to the WHO definition?

**Options :**

1. injuries occurring beside prescribed dosing
2. injuries caused by overdosing
3. damages caused by a drug given because of therapeutic mistake
4. damages caused by drug allergy

**Question Number : 196 Question Id : 67809419019 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Choose the drug having interaction with cimetidine from the following:

**Options :**

1. diazepam
2. phenylbutazone
3. salicylate

4. probenecide

**Question Number : 197 Question Id : 67809419020 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Patients with diastolic blood pressure (DBP) values <90 mm Hg and systolic blood pressure (SBP) values  $\geq$ 140 mm Hg have

**Options :**

1. Isolated systolic hypertension
2. Isolated diastolic hypertension
3. Heart disease
4. High blood pressure

**Question Number : 198 Question Id : 67809419021 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The "coma cocktail" consists of intravenous dextrose to treat

**Options :**

1. Clonidine toxicity
2. Barbiturate toxicity
3. Opioid toxicity
4. Hypoglycemia

**Question Number : 199 Question Id : 67809419022 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

The following is antidote for Organophosphate poisoning:

**Options :**

1. Naltrexone
2. pralidoxime
3. N-acetyl cysteine
4. Diazepam

**Question Number : 200 Question Id : 67809419023 Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

Retinoid-associated teratogenesis is an example for

**Options :**

1. Type A ADR
2. Type B ADR
3. Type C ADR
4. Type D ADR