

Andhra Pradesh State Council of Higher Education

Notations :

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

Question Paper Name :	Pharmacy 23rd Apr 2026 Shift 2
Subject Name :	Pharmacy
Creation Date :	2026-04-23 18:00:17
Duration :	180
Total Marks :	200
Display Marks:	No
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
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Pharmacy

Group Number :	1
Group Id :	77951865
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	200

Pharmaceutics

Section Id :	779518253
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50

Number of Questions to be attempted :	50
Section Marks :	50
Section Negative Marks :	0
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	779518269
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 77951812809 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

_____ is a natural colouring agent.

Options :

1. ✘ Tartrazine
2. ✘ Sunset yellow
3. ✔ Caramel
4. ✘ Erythrosine

Question Number : 2 Question Id : 77951812810 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which of the following is a salient feature of Indian Pharmacopoeia?

Options :

1. ✘ Includes only herbal drugs
2. ✔ Provides legally enforceable standards
3. ✘ Applies only to hospital pharmacies
4. ✘ Published annually

Question Number : 3 Question Id : 77951812811 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

What is the major limitation of plastic containers in pharmaceutical packaging?

Options :

1. ✘ High cost
2. ✘ Prone for damage
3. ✘ Brittleness
4. ✔ Interaction with drugs by sorption

Question Number : 4 Question Id : 77951812812 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which packaging material provides the best protection against moisture and gases?

Options :

1. ✘ Plastic
2. ✘ Paper
3. ✔ Metal
4. ✘ Rubber

Question Number : 5 Question Id : 77951812813 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which of the following preservatives is most effective in acidic pH?

Options :

1. ✘

Benzyl alcohol

2. ✓ Sodium benzoate
3. ✗ Chlorobutanol
4. ✗ Phenol

Question Number : 6 Question Id : 77951812814 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Membrane filters remove particles mainly by _____.

Options :

1. ✓ size exclusion
2. ✗ chemical reaction
3. ✗ adsorption
4. ✗ sedimentation

Question Number : 7 Question Id : 77951812815 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Freeze drying is also called _____ drying

Options :

1. ✗ tray
2. ✗ drum
3. ✗ spray

4. ✓ sublimation

Question Number : 8 Question Id : 77951812816 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which mill is most suitable for grinding hard and abrasive materials?

Options :

1. ✗ Hammer mill

2. ✓ Ball mill

3. ✗ Roller mill

4. ✗ Cutter mill

Question Number : 9 Question Id : 77951812817 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

A cyclone separator would be least efficient for separation of _____ particles.

Options :

1. ✗ large

2. ✗ dense

3. ✓ very fine

4. ✗ coarse

Question Number : 10 Question Id : 77951812818 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

In pharmaceutical mixing, segregation is most likely to occur when _____

Options :

1. ✘ particles have similar size
2. ✔ particles differ widely in size and density
3. ✘ liquid binders are used
4. ✘ homogenizers are used

Question Number : 11 Question Id : 77951812819 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Silverson mixer is mainly used for _____.

Options :

1. ✔ high shear homogenization
2. ✘ dry powder mixing
3. ✘ filtration
4. ✘ drying

Question Number : 12 Question Id : 77951812820 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

A dry powder suspension for reconstitution is prepared mainly to _____.

Options :

1. ✘ improve taste

2. ✓ increase shelf life
3. ✗ increase viscosity
4. ✗ improve color

Question Number : 13 Question Id : 77951812821 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Multi-layered tablets are designed mainly to _____.

Options :

1. ✗ increase weight
2. ✗ improve patient acceptance
3. ✓ separate incompatible drugs or control release
4. ✗ reduce cost

Question Number : 14 Question Id : 77951812822 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

_____ route is used for administration of pessaries.

Options :

1. ✓ Vaginal
2. ✗ Rectal
3. ✗ Nasal

4. ✘ Pulmonary

Question Number : 15 Question Id : 77951812823 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Sera are used to provide _____.

Options :

1. ✔ Passive immunity

2. ✘ Active immunity

3. ✘ Long-term protection

4. ✘ No immunity

Question Number : 16 Question Id : 77951812824 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

A drug unstable to heat but stable to moisture should be dried by _____ drying.

Options :

1. ✘ tray

2. ✔ fluidized bed

3. ✘ freeze

4. ✘ drum

Question Number : 17 Question Id : 77951812825 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

A highly potent low-dose drug requires which mixing equipment for content uniformity?

Options :

1. ✓ Double cone blender
2. ✗ Sigma mixer
3. ✗ Turbine mixer
4. ✗ Fluidized bed dryer

Question Number : 18 Question Id : 77951812826 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

A drug meant for immediate nasal absorption must be formulated to be

Options :

1. ✗ Hypotonic
2. ✗ Hypertonic
3. ✓ Isotonic
4. ✗ Acidic

Question Number : 19 Question Id : 77951812827 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

A suspension shows rapid sedimentation due to particle size. Which unit operation before formulation would improve stability?

Options :

1. ✗

Filtration

2. ✘ Extraction

3. ✘ Drying

4. ✔ Size reduction

Question Number : 20 Question Id : 77951812828 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

A drug requiring prolonged action but low dose variation should be formulated as

Options :

1. ✘ Fast dissolving tablet

2. ✔ Sustained release tablet

3. ✘ Effervescent tablet

4. ✘ Chewable tablet

Question Number : 21 Question Id : 77951812829 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

An eye drop formulation with poor corneal contact time would be benefitted by

Options :

1. ✘ increasing tonicity

2. ✘ increasing pH

3. ✘

lowering pH

4. ✓ increasing viscosity

Question Number : 22 Question Id : 77951812830 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Quality assurance (QA) differs from quality control because QA focuses on

Options :

1. ✗ Testing finished products
2. ✗ Rejecting batches
3. ✓ Building quality into processes
4. ✗ Calibrating instruments

Question Number : 23 Question Id : 77951812831 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

A pharmaceutical plant layout designed to minimize cross-contamination should follow

Options :

1. ✗ Random workflow
2. ✓ Unidirectional material flow
3. ✗ Multidirectional material flow
4. ✗ Centralized storage

Question Number : 24 Question Id : 77951812832 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Soft gelatin capsules require plasticizers more compared to hard gelatin capsules for

Options :

1. ✘ preventing oxidation of fill material
2. ✘ improving drug solubility
3. ✘ enhancing disintegration in gastric fluid
4. ✔ maintaining shell flexibility at low moisture equilibrium

Question Number : 25 Question Id : 77951812833 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Hard gelatin capsules stored at <20% RH will _____.

Options :

1. ✔ become brittle and crack
2. ✘ shrink
3. ✘ stick together
4. ✘ disintegration time increases

Question Number : 26 Question Id : 77951812834 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which excipient is most unsuitable in nasal insufflations due to mucosal irritation?

Options :

1. ✘

Lactose

2. ✘ Dextrose
3. ✔ Talc
4. ✘ Starch

Question Number : 27 Question Id : 77951812835 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

In fusion method of effervescent granule preparation, granulation occurs due to

Options :

1. ✘ Addition of water
2. ✔ Release of water of crystallization from citric acid
3. ✘ Melting of sodium bicarbonate
4. ✘ Carbon dioxide formation

Question Number : 28 Question Id : 77951812836 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Large volume parenterals (LVPs) must be free from preservatives because

Options :

1. ✘ They alter pH
2. ✘ They cause precipitation
3. ✔

Toxicity risk due to large dose

4. ✘ They reduce sterility

**Question Number : 29 Question Id : 77951812837 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

In percolation, the term *menstruum* refers to _____.

Options :

1. ✘ residual plant material
2. ✘ extracted active principle
3. ✔ solvent used for extraction
4. ✘ final concentrated product

**Question Number : 30 Question Id : 77951812838 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

What is the most important function of the Pharmacy & Therapeutics Committee?

Options :

1. ✘ Purchase medicines
2. ✘ Approve drug promotion
3. ✔ Select and monitor medicines for formulary
4. ✘ Dispense medicines

Question Number : 31 Question Id : 77951812839 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

What is the main use of reserved antibiotics?

Options :

1. ✘ Treat minor infections
2. ✔ Prevent emergence of resistance
3. ✘ Increase hospital revenue
4. ✘ Treat severe multidrug-resistant infections

Question Number : 32 Question Id : 77951812840 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Narcotic and psychotropic drugs in hospital pharmacy must be _____.

Options :

1. ✘ kept on open shelves
2. ✘ stored with general medicines
3. ✔ kept in double-lock system
4. ✘ stored in refrigerator

Question Number : 33 Question Id : 77951812841 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

ICU drug distribution requires special control because of _____.

Options :

1. ✘

large quantity

2. ✘ complex therapy
3. ✘ low patient load
4. ✔ high-risk and emergency drugs

Question Number : 34 Question Id : 77951812842 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Long-term tendering is preferred over short-term purchase mainly to _____.

Options :

1. ✘ increase storage
2. ✔ reduce cost and ensure continuous supply
3. ✘ reduce paperwork
4. ✘ improve quality control

Question Number : 35 Question Id : 77951812843 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Economic Order Quantity aims to minimize _____.

Options :

1. ✔ total ordering and carrying cost
2. ✘ drug expiry
3. ✘ theft

4. ✘ transportation

Question Number : 36 Question Id : 77951812844 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

What is the advantage of ice lined refrigerator over domestic one in a hospital?

Options :

1. ✘ Cost effective
2. ✘ Larger size
3. ✘ Consumes less power
4. ✔ Maintains uniform temperature

Question Number : 37 Question Id : 77951812845 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

When FEFO method is preferred over FIFO?

Options :

1. ✘ Drug cost is high
2. ✔ Variation in shelf life
3. ✘ Drugs are narcotics
4. ✘ Storage is small

Question Number : 38 Question Id : 77951812846 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

What is the disposal process of expired cytotoxic drugs?

Options :

1. ✘ Flushing in drain
2. ✘ Municipal garbage
3. ✔ Incineration
4. ✘ Recycling

Question Number : 39 Question Id : 77951812847 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Unit dose drug distribution reduces _____.

Options :

1. ✔ drug errors
2. ✘ drug cost
3. ✘ drug storage
4. ✘ staff requirement

Question Number : 40 Question Id : 77951812848 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Physical incompatibility in intravenous admixture results in _____.

Options :

1. ✘ colour change

2. ✓ precipitation
3. ✘ loss of sterility
4. ✘ toxicity

Question Number : 41 Question Id : 77951812849 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Radiopharmaceuticals must be stored in _____

Options :

1. ✘ glass bottles
2. ✘ plastic trays
3. ✘ open shelves
4. ✓ lead-lined containers

Question Number : 42 Question Id : 77951812850 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

The minimum qualification required for registration as a pharmacist is prescribed by

Options :

1. ✘ State Pharmacy Council
2. ✘ Medical Council
3. ✓ Education Regulations framed by PCI

4. ✘ CDSCO

Question Number : 43 Question Id : 77951812851 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Under Pharmacy Practice Regulations-2015, patient counselling is

Options :

1. ✘ Optional
2. ✘ Only for Schedule X drugs
3. ✘ Only for hospital pharmacists
4. ✔ Mandatory professional duty

Question Number : 44 Question Id : 77951812852 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Loan license means

Options :

1. ✘ Manufacturing without factory
2. ✔ Manufacturing using another licensee's facilities
3. ✘ Selling imported drugs manufactured by other companies outside India
4. ✘ Manufacturing by taking bank loan

Question Number : 45 Question Id : 77951812853 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Schedule X drugs sale requires

Options :

1. ✘ No prescription
2. ✔ Duplicate prescription & special register
3. ✘ Oral order
4. ✘ Only hospital purchase order

Question Number : 46 Question Id : 77951812854 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Possession of narcotic drugs without authorization leads to

Options :

1. ✘ Fine only
2. ✘ License cancellation
3. ✘ Warning
4. ✔ Imprisonment and fine

Question Number : 47 Question Id : 77951812855 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Poison sale requires

Options :

1. ✘ Oral permission

2. ✘ Medical certificate
3. ✘ Police license
4. ✔ Entry in poison register

Question Number : 48 Question Id : 77951812856 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

National Pharmaceutical Pricing Authority fixes price of drugs listed in _____.

Options :

1. ✘ Schedule X
2. ✔ NLEM
3. ✘ Schedule C
4. ✘ Schedule C1

Question Number : 49 Question Id : 77951812857 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Medical termination of pregnancy is permitted

Options :

1. ✘ Anytime
2. ✘ Only after police approval
3. ✘ Only after marriage
4. ✔

Under specified conditions and gestational limits

Question Number : 50 Question Id : 77951812858 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

CDSCO is responsible for

Options :

1. ✘ Drug price fixation
2. ✔ Drug approval & regulation
3. ✘ Pharmacy education
4. ✘ Pharmacist registration

Pharmaceutical Chemistry

Section Id :	779518254
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	50
Section Negative Marks :	0
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	779518270
Question Shuffling Allowed :	Yes

Question Number : 51 Question Id : 77951812859 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

In Gutzeit test, _____ reacts with mercuric chloride paper and produces _____ colour strain.

Options :

1. ✓ arsenious acid; yellow
2. ✗ arsine; orange
3. ✗ arsenious acid; orange
4. ✗ arsine; yellow

**Question Number : 52 Question Id : 77951812860 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

Green vitriol is chemically known as

Options :

1. ✗ copper sulphate
2. ✗ zinc sulphate
3. ✓ ferrous sulphate
4. ✗ ferric chloride

**Question Number : 53 Question Id : 77951812861 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

Deficiency of _____ ion in blood leads to metabolic acidosis.

Options :

1. ✗ sodium

2. ✘ potassium

3. ✔ bicarbonate

4. ✘ chloride

**Question Number : 54 Question Id : 77951812862 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

Lugol's solution contains ____% iodine and ____% potassium iodide.

Options :

1. ✘ 1; 2

2. ✘ 2; 1

3. ✘ 10; 5

4. ✔ 5; 10

**Question Number : 55 Question Id : 77951812863 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

_____ acts as an antimicrobial agent by halogenation mechanism.

Options :

1. ✘ Hydrogen peroxide

2. ✔ Chlorine

3. ✘ Potassium permanganate

4. ✘ Boric acid

Question Number : 56 Question Id : 77951812864 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Oxygen filled cylinder is painted in _____ colour for hospital use.

Options :

1. ✘ Blue

2. ✘ Grey

3. ✔ White

4. ✘ Black

Question Number : 57 Question Id : 77951812865 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Chemically epsom salt is _____ sulphate.

Options :

1. ✘ sodium

2. ✔ magnesium

3. ✘ potassium

4. ✘ calcium

Question Number : 58 Question Id : 77951812866 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Rochelle salt is chemically _____.

Options :

1. ✘ sodium potassium chloride
2. ✔ sodium potassium tartrate
3. ✘ potassium sodium sulphate
4. ✘ sodium potassium carbonate

Question Number : 59 Question Id : 77951812867 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

In limit test for iron, _____ is used to prevent precipitation of iron by ammonia.

Options :

1. ✘ thioglycolic acid
2. ✘ ferric ammonium sulphate
3. ✔ citric acid
4. ✘ potassium chloride

Question Number : 60 Question Id : 77951812868 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which substance is mainly used in treating alkaloidal poisoning?

Options :

1. ✘ Sodium nitrate
2. ✘

Sodium thiosulphate

3. ✘ Kaolin
4. ✔ Activated charcoal

Question Number : 61 Question Id : 77951812869 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

_____ is required for carbohydrate and protein metabolism.

Options :

1. ✔ Magnesium
2. ✘ Calcium
3. ✘ Sodium
4. ✘ Potassium

Question Number : 62 Question Id : 77951812870 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Which of the following is an example for non-reducing sugar?

Options :

1. ✘ Glucose
2. ✘ Fructose
3. ✔ Sucrose
4. ✘ Lactose

Question Number : 63 Question Id : 77951812871 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Ketoses are distinguished by which of the following test?

Options :

1. ✘ Molish test
2. ✘ Bial's test
3. ✔ Selwinoff's test
4. ✘ Benedict test

Question Number : 64 Question Id : 77951812872 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Citric acid cycle takes place in _____.

Options :

1. ✔ mitochondria
2. ✘ liver
3. ✘ nucleic acid
4. ✘ endoplasmic reticulum

Question Number : 65 Question Id : 77951812873 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Example for aromatic containing amino acid is _____.

Options :

1. ✘ cysteine
2. ✔ tyrosine
3. ✘ serine
4. ✘ arginine

Question Number : 66 Question Id : 77951812874 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Sakaguchi test gives positive for _____.

Options :

1. ✘ methionine
2. ✘ tyrosine
3. ✘ proline
4. ✔ arginine

Question Number : 67 Question Id : 77951812875 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which of the following vitamins acts as an antioxidant?

Options :

1. ✘ Vitamin B₁
2. ✘ Vitamin K

3. ✓ Vitamin E

4. ✗ Vitamin D

**Question Number : 68 Question Id : 77951812876 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

Which lipid is not saponifiable?

Options :

1. ✗ Triglycerides

2. ✗ Phospholipids

3. ✗ Glycolipids

4. ✓ Cholesterol

**Question Number : 69 Question Id : 77951812877 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

The end product of glycolysis is _____.

Options :

1. ✗ acetyl CoA

2. ✗ lactate

3. ✓ pyruvate

4. ✗ oxaloacetate

Question Number : 70 Question Id : 77951812878 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Competitive enzyme inhibition can be reversed by _____.

Options :

1. ✘ decreasing substrate concentration
2. ✔ increasing substrate concentration
3. ✘ removing enzyme
4. ✘ changing temperature

Question Number : 71 Question Id : 77951812879 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The confirmatory test for bile pigments in urine is:

Options :

1. ✘ Hay's test
2. ✘ Benedict's test
3. ✔ Fouchet's test
4. ✘ Rothera's test

Question Number : 72 Question Id : 77951812880 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Normal haemoglobin level in adult male is _____ g/dL.

Options :

1. ✘ 8–10
2. ✘ 10–12
3. ✔ 13–17
4. ✘ 18–22

Question Number : 73 Question Id : 77951812881 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which vitamin is essential for blood clotting?

Options :

1. ✘ Vitamin A
2. ✘ Vitamin D
3. ✘ Vitamin E
4. ✔ Vitamin K

Question Number : 74 Question Id : 77951812882 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Bilirubin level helps in measuring the function of _____.

Options :

1. ✔ Liver
2. ✘ Heart

3. ✘ Kidney

4. ✘ Lung

**Question Number : 75 Question Id : 77951812883 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

Wilson disease is due to excess of _____.

Options :

1. ✔ Copper

2. ✘ Zinc

3. ✘ Calcium

4. ✘ Sodium

**Question Number : 76 Question Id : 77951812884 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

Chloroquine contains chlorine at ____ position.

Options :

1. ✘ 2nd

2. ✘ 4th

3. ✔ 7th

4. ✘ 8th

Question Number : 77 Question Id : 77951812885 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Ibuprofen belongs to which chemical class?

Options :

1. ✘ Salicylates
2. ✔ Aryl propionic acid derivatives
3. ✘ Indole acetic acids
4. ✘ Fenamate derivatives

Question Number : 78 Question Id : 77951812886 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Amlodipine contains _____ ring system.

Options :

1. ✔ piperidine
2. ✘ phenothiazine
3. ✘ pyrimidine
4. ✘ dihydro pyridine

Question Number : 79 Question Id : 77951812887 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Chemically aspirin is _____.

Options :

1. ✘ salicylic acid
2. ✘ acetyl salicylamide
3. ✔ acetyl salicylic acid
4. ✘ benzoic acid

Question Number : 80 Question Id : 77951812888 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Penicillin contains which core ring system?

Options :

1. ✘ thiazole ring
2. ✔ β -lactam ring
3. ✘ imidazole ring
4. ✘ pyridine ring

Question Number : 81 Question Id : 77951812889 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Morphine is chemically classified as

Options :

1. ✘ synthetic opioid
2. ✘ semi-synthetic opioid

3. ✓ natural phenanthrene alkaloid

4. ✗ benzyl isoquinoline alkaloid

**Question Number : 82 Question Id : 77951812890 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

Chlorpromazine belongs to which chemical class?

Options :

1. ✓ Phenothiazines

2. ✗ Thioxanthenes

3. ✗ Benzodiazepines

4. ✗ Butyrophenones

**Question Number : 83 Question Id : 77951812891 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

Ciprofloxacin belongs to which chemical class?

Options :

1. ✗ Sulphonamides

2. ✓ Fluoroquinolones

3. ✗ Cephalosporins

4. ✗ Macrolides

Question Number : 84 Question Id : 77951812892 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Diazepam contains which heterocyclic ring?

Options :

1. ✘ Imidazole
2. ✘ Triazole
3. ✘ Thiazol
4. ✔ Benzodiazepine

Question Number : 85 Question Id : 77951812893 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The chemical class of propranolol is _____.

Options :

1. ✘ phenoxyalkylamine
2. ✔ aryloxypropanolamine
3. ✘ imidazoline
4. ✘ benzyl amine

Question Number : 86 Question Id : 77951812894 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

What is the core skeleton of tetracycline antibiotics?

Options :

1. ✓ Four fused benzene rings
2. ✗ Macrocyclic lactone
3. ✗ Quinoline nucleus
4. ✗ Phenothiazine nucleus

Question Number : 87 Question Id : 77951812895 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Glibenclamide belongs to which chemical class?

Options :

1. ✗ Biguanide
2. ✗ Thiazolidinedione
3. ✓ Sulfonylurea
4. ✗ Meglitinide

Question Number : 88 Question Id : 77951812896 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Which syndrome is most likely associated with aspirin in children with influenza fever?

Options :

1. ✓ Reye's syndrome
2. ✗ Stevens–Johnson syndrome

3. ✘ Cushing's syndrome

4. ✘ Guillain-Barré syndrome

Question Number : 89 Question Id : 77951812897 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

_____ class of antihypertensive drugs is contraindicated due to teratogenic effects on the fetus in pregnant women with hypertension.

Options :

1. ✘ Thiazide diuretics

2. ✘ Beta blockers

3. ✔ ACE inhibitors

4. ✘ Calcium channel blockers

Question Number : 90 Question Id : 77951812898 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

A patient is started on isoniazid as part of antitubercular therapy. Vitamin ____ should be given prophylactically to prevent the common adverse effect of this drug.

Options :

1. ✘ K

2. ✘ C

3. ✘ A

4. ✔

B6 (pyridoxine)

Question Number : 91 Question Id : 77951812899 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

A 30-year-old asthmatic patient needs a drug for acute bronchospasm relief. Which agent is most appropriate for rapid bronchodilation?

Options :

1. ✘ Inhaled beclomethasone
2. ✔ Inhaled salbutamol (albuterol)
3. ✘ Inhaled ipratropium as monotherapy in a young asthmatic
4. ✘ Oral theophylline

Question Number : 92 Question Id : 77951812900 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which of the following drugs irreversibly inhibits the H^+/K^+ -ATPase pump in gastric parietal cells used to treat peptic ulcer disease?

Options :

1. ✘ Misoprostol
2. ✘ Ranitidine
3. ✘ Sucralfate
4. ✔ Omeprazole

Question Number : 93 Question Id : 77951812901 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which oral drug is the first-line treatment in most newly diagnosed type 2 diabetes patients who are overweight?

Options :

1. ✓ Metformin
2. ✗ Acarbose
3. ✗ Glibenclamide
4. ✗ Sitagliptin

Question Number : 94 Question Id : 77951812902 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

_____ drug is mostly considered as first-line therapy for uncomplicated urinary tract infection (UTI) in a young, non-pregnant woman

Options :

1. ✗ Gentamicin injection
2. ✓ Nitrofurantoin
3. ✗ Amoxicillin
4. ✗ Ciprofloxacin

Question Number : 95 Question Id : 77951812903 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

HIV viral RNA is converted to proviral DNA using enzyme?

Options :

1. ✘ Helicase
2. ✘ Proteinase
3. ✘ Integrase
4. ✔ Reverse transcriptase

Question Number : 96 Question Id : 77951812904 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which of the following drug is not a disease modifying anti rheumatic drugs (DMARD)?

Options :

1. ✘ Methotrexate
2. ✘ Cyclophosphamide
3. ✔ Ibuprofen
4. ✘ Infliximab

Question Number : 97 Question Id : 77951812905 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which drug would be most appropriate for providing both long-term asthma control and relief of allergic rhinitis symptoms?

Options :

1. ✘ Oral theophylline
2. ✘ Ipratropium bromide inhaler

3. ✘ Salbutamol inhaler

4. ✔ Montelukast

Question Number : 98 Question Id : 77951812906 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which of the following antiepileptic drug is associated with a particularly high risk of neural tube defects?

Options :

1. ✔ Valproic acid

2. ✘ Lamotrigine

3. ✘ Levetriacetam

4. ✘ Low dose carbamazepine

Question Number : 99 Question Id : 77951812907 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The most appropriate drug suitable as first-line pharmacotherapy for diabetic peripheral neuropathic pain is _____.

Options :

1. ✘ Aspirin

2. ✔ Pregabalin

3. ✘ Ibuprofen

4. ✖ Acetaminophen

Question Number : 100 Question Id : 77951812908 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The mechanism of action of methimazole used to treat hyperthyroidism is

Options :

1. ✖ It blocks the release of stored thyroid hormone from the gland.
2. ✖ It replaces deficient thyroid hormone in the bloodstream.
3. ✔ It inhibits thyroid peroxidase, reducing synthesis of thyroid hormones.
4. ✖ It destroys thyroid tissue through radiation

Pharmacognosy

Section Id :	779518255
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	50
Section Negative Marks :	0
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	779518271
Question Shuffling Allowed :	Yes

Question Number : 101 Question Id : 77951812909 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Presence of transverse markings and reticulate vessels is a characteristic pharmacognostic feature of

Options :

1. ✓ castor seed
2. ✘ senna leaf
3. ✘ ispaghula husk
4. ✘ aloe

Question Number : 102 Question Id : 77951812910 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

The swelling index is a specific evaluation parameter mainly used for quality control of

Options :

1. ✘ senna
2. ✘ aloe
3. ✓ ispaghula
4. ✘ digitalis

Question Number : 103 Question Id : 77951812911 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Which diagnostic identification test is used for anthraquinone glycosides present in senna?

Options :

1. ✘ Keller–Killiani test
2. ✓ Borntrager's test
3. ✘ Shinoda test

4. ✘ Foam test

Question Number : 104 Question Id : 77951812912 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Digitalis leaves should be collected during which season?

Options :

1. ✘ Before flowering stage

2. ✔ During flowering stage

3. ✘ After flowering stage

4. ✘ During fruiting stage

Question Number : 105 Question Id : 77951812913 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The major pharmacognostic feature of *Terminalia arjuna* bark is the presence of _____

Options :

1. ✘ resin ducts

2. ✔ abundant calcium oxalate crystals and sclereids

3. ✘ latex vessels

4. ✘ oil glands

Question Number : 106 Question Id : 77951812914 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The pungent principle of ginger falls in the category of

Options :

1. ✘ alkaloid
2. ✘ gum
3. ✔ oleoresin
4. ✘ tannin

Question Number : 107 Question Id : 77951812915 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The presence of _____ is responsible for the characteristic aroma of clove.

Options :

1. ✘ tannins in cortex
2. ✘ alkaloids in pith
3. ✘ fixed oil in endosperm
4. ✔ volatile oil in oil glands

Question Number : 108 Question Id : 77951812916 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Asafoetida is pharmacognostically identified as _____.

Options :

1. ✘ dried rhizome
2. ✔

dried latex exudate

3. ✘ seed oil

4. ✘ bark resin

Question Number : 109 Question Id : 77951812917 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The presence of nicotine-like stimulant action with methyl xanthines is associated with

Options :

1. ✘ *Theobroma coca*

2. ✘ *Ephedra sinica*

3. ✘ *Atropa belladonna*

4. ✔ *Camellia sinensis*

Question Number : 110 Question Id : 77951812918 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

An epidemic is defined as

Options :

1. ✘ constant presence of disease in a population

2. ✘ worldwide spread of disease

3. ✔ sudden increase in disease cases above expected level

4. ✘

occurrence of rare disease

Question Number : 111 Question Id : 77951812919 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The antihypertensive activity of *Rauwolfia serpentina* is mainly due to the presence of

Options :

1. ✘ Ajmaline
2. ✔ Reserpine
3. ✘ Vincristine
4. ✘ Colchicine

Question Number : 112 Question Id : 77951812920 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The presence of volatile oil cells and schizogenous oil cavities is a diagnostic feature of

Options :

1. ✘ Ginger
2. ✘ Clove
3. ✔ Fennel
4. ✘ Asafoetida

Question Number : 113 Question Id : 77951812921 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Tolu balsam is mainly employed in pharmaceutical preparations as _____ agent.

Options :

1. ✘ antimalarial
2. ✔ expectorant and flavouring
3. ✘ antidiabetic
4. ✘ cardiotoxic

Question Number : 114 Question Id : 77951812922 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

_____ attributed to the anti-rheumatic activity of colchicum seeds.

Options :

1. ✘ Vinblastine
2. ✘ Reserpine
3. ✔ Colchicine
4. ✘ Podophyllotoxin

Question Number : 115 Question Id : 77951812923 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

What is the source of anti-tumour alkaloids vincristine and vinblastine?

Options :

1. ✔ *Catharanthus roseus*
2. ✘

Podophyllum emodi

3. ✘ *Rauwolfia serpentine*

4. ✘ *Artemisia annua*

**Question Number : 116 Question Id : 77951812924 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

Which of the following belongs to lignin category of natural products?

Options :

1. ✔ Podophyllotoxin

2. ✘ Quinine

3. ✘ Artemisinin

4. ✘ Ergotamine

**Question Number : 117 Question Id : 77951812925 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

The hypoglycaemic effect of *Gymnema sylvestre* is primarily due to its ability to

Options :

1. ✘ Stimulate insulin degradation

2. ✔ Regenerate pancreatic β -cells and suppress sweet taste

3. ✘ Inhibit glucose absorption only

4. ✘ Increase glucagon secretion

Question Number : 118 Question Id : 77951812926 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

_____ are mainly responsible for the diuretic activity of Punarnava (*Boerhaavia diffusa*).

Options :

1. ✘ Alkaloids
2. ✔ Flavonoids and potassium salts
3. ✘ Glycosides
4. ✘ Tannins

Question Number : 119 Question Id : 77951812927 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Quinine, a potent antimalarial drug, is obtained from

Options :

1. ✘ *Artemisia annua*
2. ✔ *Cinchona* bark
3. ✘ *Podophyllum* rhizome
4. ✘ *Ergot sclerotia*

Question Number : 120 Question Id : 77951812928 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Lanolin used as a pharmaceutical aid is obtained from

Options :

1. ✘ Plant wax
2. ✘ Petroleum wax
3. ✔ Wool fat of sheep
4. ✘ Beeswax secretion

**Question Number : 121 Question Id : 77951812929 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

What is the primary objective of financial planning in community pharmacy?

Options :

1. ✘ Increase stock levels
2. ✘ Maximize discounts
3. ✔ Ensure optimal fund utilization and profitability
4. ✘ Reduce manpower

**Question Number : 122 Question Id : 77951812930 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

The primary reason for degreasing cotton before using it as surgical dressing is to

Options :

1. ✔ Increase absorbency

2. ✘ Improve tensile strength
3. ✘ Enhance colour
4. ✘ Reduce fibre length

Question Number : 123 Question Id : 77951812931 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Surgical catgut sutures are prepared from

Options :

1. ✔ collagen of sheep or goat intestine
2. ✘ silk fibres of *Bombyx mori*
3. ✘ cotton cellulose fibres
4. ✘ synthetic polymers

Question Number : 124 Question Id : 77951812932 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which of the following tests is used for best detecting the presence of excessive silica in crude drugs?

Options :

1. ✘ Ash value
2. ✔ Acid-insoluble ash value
3. ✘ Water-soluble ash
4. ✘ Extractive value

Question Number : 125 Question Id : 77951812933 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Transverse section of *Adhatoda vasica* leaf shows a diagnostic feature of

Options :

1. ✓ Multicellular glandular trichomes and cystoliths
2. ✗ Unicellular covering trichomes only
3. ✗ Absence of stomata
4. ✗ Presence of resin ducts

Question Number : 126 Question Id : 77951812934 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Arishta preparations in Ayurveda are characterized by

Options :

1. ✗ Powdered crude drugs
2. ✓ Fermented liquid preparations
3. ✗ Calcined metallic or mineral drugs
4. ✗ Oil-based formulations

Question Number : 127 Question Id : 77951812935 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

What is the fundamental principle of Homeopathy?

Options :

1. ✘ Balance of doshas
2. ✘ Use of polyherbal mixtures
3. ✔ "Like cures like"
4. ✘ Detoxification therapy

Question Number : 128 Question Id : 77951812936 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which herbal cosmetic oil is mainly used for its emollient and skin-softening property?

Options :

1. ✘ Lavender oil
2. ✘ Rosemary oil
3. ✔ Almond oil
4. ✘ Sandalwood oil

Question Number : 129 Question Id : 77951812937 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

What is the main therapeutic use of Aloe vera gel?

Options :

1. ✘ Analgesic action
2. ✔ Wound healing and skin hydration

3. ✘ Anthelmintic activity

4. ✘ Sedative effect

**Question Number : 130 Question Id : 77951812938 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

The primary objective of phytochemical investigation is to

Options :

1. ✘ increase plant yield

2. ✘ enhance shelf life

3. ✘ improve cosmetic value

4. ✔ identify and characterize chemical constituents

**Question Number : 131 Question Id : 77951812939 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

What is the primary need of OTC medicines?

Options :

1. ✘ Increase self-treatment

2. ✔ Reduce physician workload by managing minor ailments

3. ✘ Promote combination therapy

4. ✘ Improve sales

Question Number : 132 Question Id : 77951812940 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which condition requires immediate medical referral?

Options :

1. ✘ Mild headache for one day
2. ✘ Common cold
3. ✔ Fever persisting beyond 3 days
4. ✘ Nasal congestion

Question Number : 133 Question Id : 77951812941 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Major risk associated with irrational self-medication is

Options :

1. ✘ improved adherence
2. ✔ antimicrobial resistance
3. ✘ faster relief
4. ✘ reduced cost

Question Number : 134 Question Id : 77951812942 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Best OTC option for dry cough without fever is

Options :

1. ✘ antibiotics

2. ✘ expectorants
3. ✘ corticosteroids
4. ✔ dextromethorphan

Question Number : 135 Question Id : 77951812943 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The primary goal of Good Pharmacy Practice (GPP) is to ensure

Options :

1. ✘ increased profit
2. ✘ legal protection
3. ✔ safe and rational use of medicines
4. ✘ efficient procurement

Question Number : 136 Question Id : 77951812944 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which is an essential component of a valid prescription?

Options :

1. ✘ Diagnosis
2. ✘ Age of patient
3. ✔ Prescriber's signature
4. ✘ Cost of medicine

Question Number : 137 Question Id : 77951812945 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Main label on dispensed medicine should NOT include

Options :

1. ✘ patient name
2. ✘ directions for use
3. ✔ price of medicine
4. ✘ pharmacy details

Question Number : 138 Question Id : 77951812946 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Most common cause of dispensing errors is

Options :

1. ✘ poor ventilation
2. ✔ look-alike and sound-alike drugs
3. ✘ excess manpower
4. ✘ short expiry

Question Number : 139 Question Id : 77951812947 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Patient Package Inserts (PPIs) mainly aim to

Options :

1. ✘ promote brands
2. ✘ replace pharmacist counselling
3. ✘ meet marketing needs
4. ✔ provide standardized drug information for safe use

Question Number : 140 Question Id : 77951812948 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

What is the need for strongly recommending breastfeeding?

Options :

1. ✘ Is economically cheaper only
2. ✘ Prevents all childhood diseases
3. ✔ Provides ideal nutrition and passive immunity to infants
4. ✘ Improves digestion alone

Question Number : 141 Question Id : 77951812949 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

According to Drugs and Cosmetics Rules, 1945, the minimum area required for a retail pharmacy is ____ m²

Options :

1. ✘ 6
2. ✔ 8

3. ✘ 10

4. ✘ 12

Question Number : 142 Question Id : 77951812950 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which of the following is a mandatory legal requirement for the establishment of a community pharmacy in India?

Options :

1. ✘ NABH accreditation

2. ✔ Employment of a registered pharmacist during working hours

3. ✘ Ownership by a pharmacist

4. ✘ ISO certification

Question Number : 143 Question Id : 77951812951 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The most important criterion in selecting a site for a community pharmacy is

Options :

1. ✔ Population density and patient footfall

2. ✘ Parking availability

3. ✘ Cost of the premises

4. ✘ Proximity to wholesaler

Question Number : 144 Question Id : 77951812952 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

In ideal community pharmacy design, the prescription counter should be located _____.

Options :

1. ✓ near the entrance
2. ✗ at the rear end
3. ✗ adjacent to wash area
4. ✗ in storage section

Question Number : 145 Question Id : 77951812953 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Vendor selection in community pharmacy mainly depends on

Options :

1. ✗ supplier reputation only
2. ✗ distance from pharmacy
3. ✓ reliability of supply and credit terms
4. ✗ brand popularity

Question Number : 146 Question Id : 77951812954 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Which of the following represents artificially acquired active immunity?

Options :

1. ✗

Natural infection

2. ✘ Maternal antibodies
3. ✔ Vaccination
4. ✘ Serum administration

**Question Number : 147 Question Id : 77951812955 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

One of the major public health concerns associated with pharmaceutical environmental pollution is

Options :

1. ✘ Increased drug stability
2. ✔ Development of antimicrobial resistance
3. ✘ Reduced therapeutic efficacy
4. ✘ Improved sanitation

**Question Number : 148 Question Id : 77951812956 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

Macronutrients are those nutrients that are required by the body

Options :

1. ✘ In very small quantities for enzymatic activity
2. ✘ Only during disease conditions

3. ✓ In large amounts for energy and growth

4. ✘ Only for metabolic regulation

Question Number : 149 Question Id : 77951812957 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Dietary fibre primarily helps in _____

Options :

1. ✘ increasing blood glucose levels

2. ✓ preventing constipation and improving gut health

3. ✘ enhancing fat absorption

4. ✘ increasing calorific value of diet

Question Number : 150 Question Id : 77951812958 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

What is food fortification?

Options :

1. ✘ Addition of preservatives to food

2. ✘ Removal of contaminants from food

3. ✓ Deliberate addition of essential nutrients to food

4. ✘ Genetic modification of crops

Pharmacology

Section Id :	779518256
Section Number :	4
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	50
Section Negative Marks :	0
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	779518272
Question Shuffling Allowed :	Yes

Question Number : 151 Question Id : 77951812959 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The powerhouse of the cell is _____.

Options :

1. ✘ nucleus
2. ✘ ribosome
3. ✔ mitochondria
4. ✘ lysosome

Question Number : 152 Question Id : 77951812960 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Simple squamous epithelium is mainly found in _____

Options :

1. ✘ skin
2. ✔ alveoli of lungs

3. ✘ tendon

4. ✘ brain

Question Number : 153 Question Id : 77951812961 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

_____ the basic unit of nervous tissue.

Options :

1. ✘ Nephron

2. ✔ Neuron

3. ✘ Osteon

4. ✘ Sarcomere

Question Number : 154 Question Id : 77951812962 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The normal life span of RBC is about _____ days.

Options :

1. ✘ 30

2. ✘ 60

3. ✘ 90

4. ✔ 120

Question Number : 155 Question Id : 77951812963 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Heparin is released from _____.

Options :

1. ✘ RBC
2. ✘ Neutrophils
3. ✘ Platelets
4. ✔ Basophils

Question Number : 156 Question Id : 77951812964 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Vitamin K is essential for _____.

Options :

1. ✘ hemolysis
2. ✔ blood clotting
3. ✘ oxygen transport
4. ✘ immunity

Question Number : 157 Question Id : 77951812965 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

_____ the largest lymphatic organ.

Options :

1. ✘ Thymus

2. ✘ Tonsil

3. ✘ Appendix

4. ✔ Spleen

**Question Number : 158 Question Id : 77951812966 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

The pacemaker of the heart is _____.

Options :

1. ✘ AV node

2. ✔ SA node

3. ✘ bundle of His

4. ✘ purkinje fibers

**Question Number : 159 Question Id : 77951812967 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

Pulmonary circulation carries blood from heart to _____.

Options :

1. ✘ liver

2. ✘ brain

3. ✔ lungs

4. ✘

kidneys

Question Number : 160 Question Id : 77951812968 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The normal adult systolic blood pressure is about _____ mmHg

Options :

1. ✘ 80

2. ✘ 100

3. ✔ 120

4. ✘ 160

Question Number : 161 Question Id : 77951812969 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The functional unit of lung is _____.

Options :

1. ✔ alveolus

2. ✘ nephron

3. ✘ bronchus

4. ✘ pleura

Question Number : 162 Question Id : 77951812970 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Tidal volume in a normal adult is approximately _____ mL

Options :

1. ✘ 100
2. ✘ 300
3. ✔ 500
4. ✘ 1000

Question Number : 163 Question Id : 77951812971 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

What is the largest gland in the body?

Options :

1. ✘ Pancreas
2. ✘ Spleen
3. ✘ Thyroid
4. ✔ Liver

Question Number : 164 Question Id : 77951812972 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Bile is stored in the _____.

Options :

1. ✘ liver
2. ✘ pancreas

3. ✓ gall bladder

4. ✗ duodenum

**Question Number : 165 Question Id : 77951812973 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

The largest part of the brain is _____.

Options :

1. ✓ Cerebrum

2. ✗ Cerebellum

3. ✗ Medulla

4. ✗ Midbrain

**Question Number : 166 Question Id : 77951812974 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

The reflex center is located in the _____.

Options :

1. ✗ cerebrum

2. ✓ spinal cord

3. ✗ hypothalamus

4. ✗ cerebellum

Question Number : 167 Question Id : 77951812975 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The functional unit of kidney is _____.

Options :

1. ✘ neuron
2. ✘ alveolus
3. ✘ glomerulus
4. ✔ nephron

Question Number : 168 Question Id : 77951812976 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Renin is secreted by _____.

Options :

1. ✘ liver
2. ✘ heart
3. ✔ kidney
4. ✘ pancreas

Question Number : 169 Question Id : 77951812977 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

What is the master gland of endocrine system?

Options :

1. ✔

Pituitary

2. ✘ Thyroid
3. ✘ Adrenal
4. ✘ Parathyroid

**Question Number : 170 Question Id : 77951812978 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

Insulin is secreted by _____ cells.

Options :

1. ✘ alpha
2. ✔ beta
3. ✘ delta
4. ✘ acinar

**Question Number : 171 Question Id : 77951812979 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

The study of drugs is called _____.

Options :

1. ✘ Pathology
2. ✔ Pharmacology
3. ✘

Physiology

4. ✘ Toxicology

**Question Number : 172 Question Id : 77951812980 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

What is the fastest route of drug administration?

Options :

1. ✘ Oral
2. ✘ Subcutaneous
3. ✔ Intramuscular
4. ✘ Intravenous

**Question Number : 173 Question Id : 77951812981 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

Bioavailability refers to

Options :

1. ✘ Drug metabolism
2. ✘ Drug excretion
3. ✔ Fraction of drug reaching systemic circulation
4. ✘ Drug distribution

Question Number : 174 Question Id : 77951812982 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Phase I drug metabolism mainly involves _____.

Options :

1. ✘ conjugation
2. ✔ oxidation
3. ✘ protein binding
4. ✘ filtration

Question Number : 175 Question Id : 77951812983 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

The main organ of drug excretion is

Options :

1. ✘ liver
2. ✘ lungs
3. ✘ skin
4. ✔ kidney

Question Number : 176 Question Id : 77951812984 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Acetylcholine acts on _____ receptors.

Options :

1. ✔ cholinergic

2. ✘ adrenergic
3. ✘ dopaminergic
4. ✘ serotonergic

**Question Number : 177 Question Id : 77951812985 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

Atropine is a _____.

Options :

1. ✘ cholinergic agonist
2. ✔ anticholinergic drug
3. ✘ beta blocker
4. ✘ diuretic

**Question Number : 178 Question Id : 77951812986 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0**

What is propranolol?

Options :

1. ✘ Alpha agonist
2. ✘ ACE inhibitor
3. ✘ Diuretic
4. ✔

Beta blocker

Question Number : 179 Question Id : 77951812987 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Lidocaine is used as a _____.

Options :

1. ✘ general anesthetic
2. ✔ local anesthetic
3. ✘ sedative
4. ✘ antipsychotic

Question Number : 180 Question Id : 77951812988 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Diazepam is classified as a _____.

Options :

1. ✘ antidepressant
2. ✘ antipsychotic
3. ✘ antiepileptic
4. ✔ anti-anxiety drug

Question Number : 181 Question Id : 77951812989 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Phenytoin is used in _____.

Options :

1. ✘ hypertension
2. ✔ epilepsy
3. ✘ asthma
4. ✘ peptic ulcer

Question Number : 182 Question Id : 77951812990 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Morphine is a strong _____.

Options :

1. ✘ NSAID
2. ✘ antipyretic
3. ✘ antacid
4. ✔ opioid analgesic

Question Number : 183 Question Id : 77951812991 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Amlodipine is mainly used in treating _____.

Options :

1. ✘ diabetes
2. ✔

hypertension

3. ✘ asthma

4. ✘ epilepsy

Question Number : 184 Question Id : 77951812992 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

_____ is treated with nitroglycerin.

Options :

1. ✔ Angina

2. ✘ Arrhythmia

3. ✘ Shock

4. ✘ Anemia

Question Number : 185 Question Id : 77951812993 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

What is the use of heparin?

Options :

1. ✘ Thrombolytic

2. ✘ Antiplatelet

3. ✘ Hematinic

4. ✔ Anticoagulant

Question Number : 186 Question Id : 77951812994 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Salbutamol is a _____.

Options :

1. ✓ Bronchodilator
2. ✗ Antitussive
3. ✗ Mucolytic
4. ✗ Antihistamine

Question Number : 187 Question Id : 77951812995 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Omeprazole is a _____.

Options :

1. ✗ antacid
2. ✗ H2 blocker
3. ✓ proton pump inhibitor
4. ✗ laxative

Question Number : 188 Question Id : 77951812996 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Furosemide is a _____.

Options :

1. ✘ potassium sparing diuretic
2. ✘ thiazide diuretic
3. ✔ loop diuretic
4. ✘ carbonic anhydrase inhibitor

Question Number : 189 Question Id : 77951812997 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Histamine is involved in _____.

Options :

1. ✘ blood clotting
2. ✔ allergic reactions
3. ✘ urine formation
4. ✘ hemoglobin synthesis

Question Number : 190 Question Id : 77951812998 Question Type : MCQ
Correct Marks : 1 Wrong Marks : 0

Amoxicillin belongs to _____ class.

Options :

1. ✘ macrolides
2. ✘ cephalosporins
3. ✘ tetracyclines

4. ✓ penicillins

Question Number : 191 Question Id : 77951812999 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

What is ciprofloxacin?

Options :

1. ✓ Fluoroquinolone

2. ✗ Aminoglycoside

3. ✗ Sulphonamide

4. ✗ Macrolide

Question Number : 192 Question Id : 77951813000 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Isoniazid is used in treating _____.

Options :

1. ✗ malaria

2. ✗ HIV

3. ✗ amoebiasis

4. ✓ tuberculosis

Question Number : 193 Question Id : 77951813001 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Fluconazole is an _____ drug.

Options :

1. ✘ antiviral
2. ✘ antimalarial
3. ✘ anthelmintic
4. ✔ antifungal

Question Number : 194 Question Id : 77951813002 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Clinical pharmacy mainly deals with:

Options :

1. ✘ Drug manufacturing
2. ✘ Drug marketing
3. ✔ Patient-oriented drug therapy
4. ✘ Animal experiments

Question Number : 195 Question Id : 77951813003 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Medication history helps to identify _____.

Options :

1. ✔ drug interactions
2. ✘ blood group

3. ✘ body weight

4. ✘ pulse rate

Question Number : 196 Question Id : 77951813004 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

An adverse drug reaction is _____.

Options :

1. ✘ expected therapeutic effect

2. ✔ harmful unintended response

3. ✘ drug price variation

4. ✘ drug packaging error

Question Number : 197 Question Id : 77951813005 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Hemoglobin level is measured in which test?

Options :

1. ✘ Liver function test

2. ✘ Renal function test

3. ✔ Hematological test

4. ✘ Thyroid function test

Question Number : 198 Question Id : 77951813006 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

Serum creatinine is an indicator of _____ function.

Options :

1. ✘ liver
2. ✔ renal
3. ✘ cardiac
4. ✘ thyroid

Question Number : 199 Question Id : 77951813007 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

LASA drugs refer to _____ drugs.

Options :

1. ✘ expensive
2. ✔ similar sounding or looking
3. ✘ herbal
4. ✘ injectable

Question Number : 200 Question Id : 77951813008 Question Type : MCQ

Correct Marks : 1 Wrong Marks : 0

What is the meaning of drug interaction?

Options :

1. ✘ Drug with food reaction only

2. ✖ Drug causing allergy
3. ✖ Drug overdose
4. ✔ Effect of one drug altered by another