

# 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.

<b>Question Paper Name :</b>	Pharmacy 19th Sep 2021 Shift2
<b>Duration :</b>	180
<b>Total Marks :</b>	200
<b>Display Marks:</b>	No
<b>Calculator :</b>	None
<b>Magnifying Glass Required? :</b>	No
<b>Ruler Required? :</b>	No
<b>Eraser Required? :</b>	No
<b>Scratch Pad Required? :</b>	No
<b>Rough Sketch/Notepad Required? :</b>	No
<b>Protractor Required? :</b>	No
<b>Show Watermark on Console? :</b>	Yes
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<b>Auto Save on Console? ( SA type of questions will be always auto saved ) :</b>	Yes
<b>Is this Group for Examiner? :</b>	No

## Pharmaceutics

**Section Id :** 477203425

<b>Section Number :</b>	1
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	50
<b>Section Marks :</b>	50
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes

**Question Number : 1 Question Id : 47720321633 Display Question Number : Yes Is Question Mandatory : No**

Which of the following dosage form does not need sterilization?

**Options :**

1. ✘ surgical dusting powder
2. ✘ IV Injection
3. ✘ gels
4. ✔ Eye drops

**Question Number : 2 Question Id : 47720321634 Display Question Number : Yes Is Question Mandatory : No**

Who was the chairman of committee for formation of Indian Pharmacopoeia 1985?

**Options :**

1. ✘ Dr. B. Mukkerji
2. ✘ Dr. B.N. Ghosh
3. ✘ Dr. P.K. Pradhan

4. ✓ Dr. Nityanand

Question Number : 3 Question Id : 47720321635 Display Question Number : Yes Is Question

Mandatory : No

Isotonic solutions have the same

Options :

1. ✗ Vapour pressure

2. ✓ Osmotic pressure

3. ✗ Atmospheric pressure

4. ✗ Internal pressure

Question Number : 4 Question Id : 47720321636 Display Question Number : Yes Is Question

Mandatory : No

Type II glass is also known as-

Options :

1. ✓ Treated soda-lime glass

2. ✗ Regular soda lime glass

3. ✗ Type NP glass

4. ✗ General-purpose soda lime glass



Question Number : 5 Question Id : 47720321637 Display Question Number : Yes Is Question

Mandatory : No

Fluid Energy Mill works on the principle of:

Options :

1. ✓ Impact & Attrition
2. ✗ Rotor & Stator
3. ✗ Compression
4. ✗ Attrition

Question Number : 6 Question Id : 47720321638 Display Question Number : Yes Is Question

Mandatory : No

Which of the following is called coarse powder?

Options :

1. ✓ It is powder in which all the particles must pass through the sieve no. 10
2. ✗ It is powder in which all the particles must pass through the sieve no. 22
3. ✗ It is powder in which all the particles must pass through the sieve no. 44
4. ✗ It is powder in which all the particles must pass through the sieve no. 85

Question Number : 7 Question Id : 47720321639 Display Question Number : Yes Is Question



**Mandatory : No**

Mechanism of mixing in sigma blade mixer:

**Options :**

1. ✘ Connective
2. ✘ Tumbling
3. ✔ Shearing
4. ✘ Diffusion

**Question Number : 8 Question Id : 47720321640 Display Question Number : Yes Is Question**

**Mandatory : No**

Full form of HEPA is

**Options :**

1. ✘ High-Evaporation Pressurized Air
2. ✔ High-Efficiency Particulate Air
3. ✘ Hot-Emission Pressurized Area
4. ✘ Heat Enhanced Pasteurized Ampoules

**Question Number : 9 Question Id : 47720321641 Display Question Number : Yes Is Question**

**Mandatory : No**

The Ayurvedic preparations that contains self-generated alcohol content and herbal extracts soluble in both water as well as alcohol are termed as

**Options :**

1. ✘ Kadha
2. ✔ Arishta
3. ✘ Guti
4. ✘ Vadagam

**Question Number : 10 Question Id : 47720321642 Display Question Number : Yes Is Question Mandatory : No**

Which of the following factors does not affect the rate of evaporation?

**Options :**

1. ✘ Temperature of liquid
2. ✘ Humidity of surrounding air
3. ✔ Depth of liquid
4. ✘ Surface of liquid

**Question Number : 11 Question Id : 47720321643 Display Question Number : Yes Is Question Mandatory : No**

In Vacuum Distillation, Substance boils at a/an:

**Options :**

1. ✘ Exact temperature
2. ✘ temperature slightly above its boiling point
3. ✔ temperature below its boiling point
4. ✘ High Pressure

**Question Number : 12 Question Id : 47720321644 Display Question Number : Yes Is Question Mandatory : No**

Which of these process use soxhlet extractor?

**Options :**

1. ✘ Simple percolation
2. ✔ Continuous hot percolation
3. ✘ Infusion
4. ✘ Double and triple maceration

**Question Number : 13 Question Id : 47720321645 Display Question Number : Yes Is Question Mandatory : No**

In which of the following dryers, hot air jets are used for drying purpose?

**Options :**

1. ✘ Vacuum Dryer



2. ✘ Spray Dryer

3. ✘ Roller Dryer

4. ✔ Fluidized Bed dryer

**Question Number : 14 Question Id : 47720321646 Display Question Number : Yes Is Question Mandatory : No**

Eutectic Point is an important factor for one of the following drying processes?

**Options :**

1. ✘ Drum Drying

2. ✘ Fluidized Bed Drying

3. ✘ Tray drying

4. ✔ Freeze Drying

**Question Number : 15 Question Id : 47720321647 Display Question Number : Yes Is Question Mandatory : No**

Basic principle behind sterility testing is?

**Options :**

1. ✘ Microorganisms imparts different colors when present as contaminant in any preparation

2. ✘ Presence of microbes can be detected by naked eye in any preparation

3. ✓ Microbes will grow if they will be provided with nutrient medium, optimum temperature and pH
4. ✗ Microbes resonate at electromagnetic radiation of specific wavelength

**Question Number : 16 Question Id : 47720321648 Display Question Number : Yes Is Question Mandatory : No**

Which of the following is used as a coating material for enteric coated tablets?

**Options :**

1. ✗ Starch
2. ✗ Tragacanth
3. ✓ Cellulose acetate phthalate
4. ✗ Hydroxypropyl cellulose

**Question Number : 17 Question Id : 47720321649 Display Question Number : Yes Is Question Mandatory : No**

USP dissolution test apparatus- II is-

**Options :**

1. ✓ Paddle type
2. ✗ Basket type
3. ✗ Flow through cell

4. ✘ Paddle over a disc

Question Number : 18 Question Id : 47720321650 Display Question Number : Yes Is Question Mandatory : No

Mottling in tablet defects refers to?

Options :

1. ✔ Improper Colouring
2. ✘ Improper Shape
3. ✘ Decreased Hardness
4. ✘ Increased Hardness

Question Number : 19 Question Id : 47720321651 Display Question Number : Yes Is Question Mandatory : No

Which of the following is the largest size in capsule?

Options :

1. ✔ 00
2. ✘ 0
3. ✘ 1
4. ✘ 3



Question Number : 20 Question Id : 47720321652 Display Question Number : Yes Is Question Mandatory : No

Which of the following is an orally administered vaccine?

Options :

1. ✘ Rabies vaccine
2. ✘ COVID vaccine
3. ✔ Polio vaccine
4. ✘ BCG vaccine

Question Number : 21 Question Id : 47720321653 Display Question Number : Yes Is Question Mandatory : No

In the day of mythology, the symbol Rx was considered as a prayer to

Options :

1. ✔ Jupiter
2. ✘ Jesus
3. ✘ Neptune
4. ✘ Dhanvantari

Question Number : 22 Question Id : 47720321654 Display Question Number : Yes Is Question

**Mandatory : No**

The Latin term “Bis in die” means-

**Options :**

1. ✘ At bed time
2. ✔ Two times a day
3. ✘ Once in two days
4. ✘ Before meal

**Question Number : 23 Question Id : 47720321655 Display Question Number : Yes Is Question**

**Mandatory : No**

Immiscibility of oil and water can be overcome by

**Options :**

1. ✔ Formulating an emulsion
2. ✘ Formulating suspension
3. ✘ Formulating an insufflation
4. ✘ Formulating an elixir

**Question Number : 24 Question Id : 47720321656 Display Question Number : Yes Is Question**

**Mandatory : No**

Which of the following factor does not affect the decision of dose?

**Options :**

1. ✘ Age
2. ✘ body weight
3. ✘ body surface area
4. ✔ body height

**Question Number : 25 Question Id : 47720321657 Display Question Number : Yes Is Question Mandatory : No**

The precaution taken during packaging for a light sensitive drug product includes-

**Options :**

1. ✘ Use of attractive label
2. ✘ Instruction on label- "Shake well before use"
3. ✔ Use of amber coloured glass container
4. ✘ Use of transparent glass container

**Question Number : 26 Question Id : 47720321658 Display Question Number : Yes Is Question Mandatory : No**

Posology is a branch of pharmacy which deals with-

**Options :**

1. ✘ Study of dosage forms



2. ✓ Study of doses
3. ✗ Study of drug interactions
4. ✗ Study of incompatibility

**Question Number : 27 Question Id : 47720321659 Display Question Number : Yes Is Question Mandatory : No**

Which powder must be sterilized before their use?

**Options :**

1. ✗ Medicated dusting powders
2. ✗ Non medicated powders
3. ✗ Natural dusting powder
4. ✓ Surgical dusting powders

**Question Number : 28 Question Id : 47720321660 Display Question Number : Yes Is Question Mandatory : No**

The syrup is a nearly a saturated solution of

**Options :**

1. ✓ Sucrose
2. ✗ Sucral

3. ✘ Glucose

4. ✘ PEG

**Question Number : 29 Question Id : 47720321661 Display Question Number : Yes Is Question Mandatory : No**

All of the following are semisolid dosage forms except-

**Options :**

1. ✘ Gel

2. ✔ Suspension

3. ✘ Paste

4. ✘ Ointment

**Question Number : 30 Question Id : 47720321662 Display Question Number : Yes Is Question Mandatory : No**

In preparation of cold cream, which of the following are used?

**Options :**

1. ✘ Stearic acid and borax

2. ✔ borax and bees wax

3. ✘ Hydrocarbons and bees wax

4. ✘ borax and PEGs

Question Number : 31 Question Id : 47720321663 Display Question Number : Yes Is Question

Mandatory : No

Bulk powders contain

Options :

1. ✘ Potent drugs

2. ✘ Single dose of drugs

3. ✔ Non-potent drugs

4. ✘ Toxic drugs

Question Number : 32 Question Id : 47720321664 Display Question Number : Yes Is Question

Mandatory : No

Which of the following formulations would not be applicable to ocular administration?

Options :

1. ✘ Solution

2. ✔ Liniment

3. ✘ Suspension

4. ✘ Ointment



Question Number : 33 Question Id : 47720321665 Display Question Number : Yes Is Question

Mandatory : No

A tablet to treat a headache must first be dissolved in water before swallowing. Which one of the following best describes this type of tablet?

Options :

1. ✘ Modified release
2. ✘ Oral disintegrating
3. ✔ Effervescent
4. ✘ Buccal

Question Number : 34 Question Id : 47720321666 Display Question Number : Yes Is Question

Mandatory : No

A suppository is generally intended for use in-

Options :

1. ✘ Rectum
2. ✘ Eye
3. ✘ Mouth
4. ✔ Wounds

Question Number : 35 Question Id : 47720321667 Display Question Number : Yes Is Question

Mandatory : No

Sun screen formulation is available in – dosage form.

**Options :**

1. ✘ Lotion
2. ✘ Ointments
3. ✘ Pastes
4. ✔ Capsules

**Question Number : 36 Question Id : 47720321668 Display Question Number : Yes Is Question**

**Mandatory : No**

Zinc pyrithrine is used in shampoo as

**Options :**

1. ✘ Conditioner
2. ✘ Cleansing agent
3. ✔ Anti-dandruff agent
4. ✘ Detergent

**Question Number : 37 Question Id : 47720321669 Display Question Number : Yes Is Question**

**Mandatory : No**

Use of formulations made up of extracts of plants referred as...

**Options :**

1. ✔ Galenicals

2. ✘ Parenteral

3. ✘ Prosthetics

4. ✘ Generics

**Question Number : 38 Question Id : 47720321670 Display Question Number : Yes Is Question**

**Mandatory : No**

Which one of the following should not be a characteristic of the vehicles or polymers which are used for parenteral formulations?

**Options :**

1. ✘ Sterile

2. ✔ Consists of pyrogen

3. ✘ Nonirritating

4. ✘ Not interactive

**Question Number : 39 Question Id : 47720321671 Display Question Number : Yes Is Question**

**Mandatory : No**

An agent used to clean the surface of teeth and thereby decrease tooth decay or mouth odour is-

**Options :**

1. ✘ Abrasive

2. ✔ Dentifrices



3. ✘ Dental cone

4. ✘ Gingival gum

**Question Number : 40 Question Id : 47720321672 Display Question Number : Yes Is Question Mandatory : No**

The patient is advised not to eat or drink after use of-

**Options :**

1. ✘ Gargles

2. ✘ Mouth wash

3. ✘ Throat paint

4. ✔ Syrups

**Question Number : 41 Question Id : 47720321673 Display Question Number : Yes Is Question Mandatory : No**

“Drugs Enquiry Committee” was constituted under the Chairmanship of --- in the year 1930.

**Options :**

1. ✔ R. N. Chopra

2. ✘ Dr Hathi

3. ✘ Dr. B. Mukherjee

4. ✘ C. Govindan Nair

Question Number : 42 Question Id : 47720321674 Display Question Number : Yes Is Question Mandatory : No

The present era pharmacist is not a \_\_\_\_\_.

Options :

1. ✘ drug-maker

2. ✘ drug-dispenser

3. ✘ patient-counsellor

4. ✔ drug prescriber

Question Number : 43 Question Id : 47720321675 Display Question Number : Yes Is Question Mandatory : No

One of ex-officio member of the pharmacy council of India is\_\_\_\_\_.

Options :

1. ✔ Director general of health services

2. ✘ government analyst

3. ✘ president, pharmacy council of India

4. ✘ Registered pharmacist elected by state Pharmacy council

**Question Number : 44 Question Id : 47720321676 Display Question Number : Yes Is Question**

**Mandatory : No**

Falsely claiming to be registered pharmacist is an offence which is punishable with a penalty of Rs \_\_\_ on first conviction as per the pharmacy act.

**Options :**

1. ✘ 50

2. ✔ 500

3. ✘ 5000

4. ✘ 2500

**Question Number : 45 Question Id : 47720321677 Display Question Number : Yes Is Question**

**Mandatory : No**

The Drugs and Magic Remedies (Objectionable Advertisements) Act was enacted in the year \_\_\_\_.

**Options :**

1. ✘ 1952

2. ✔ 1954

3. ✘ 1956

4. ✘ 1958



Question Number : 46 Question Id : 47720321678 Display Question Number : Yes Is Question

Mandatory : No

A drug is considered as a \_\_, if it is so coloured, coated, or polished that damage is concealed or it is made to appear of better or greater therapeutic value than it really is.

Options :

1. ✘ adulterated drug
2. ✔ spurious drug
3. ✘ misbranded drug
4. ✘ corrupted drug

Question Number : 47 Question Id : 47720321679 Display Question Number : Yes Is Question

Mandatory : No

\_\_\_ is the crude or purified resin obtained from the cannabis plant and also includes concentrated preparation and resin known as Hashish oil.

Options :

1. ✔ Charas
2. ✘ Ganja
3. ✘ Coca-derivative
4. ✘ Bhang

Question Number : 48 Question Id : 47720321680 Display Question Number : Yes Is Question

**Mandatory : No**

Alcohol of any strength which has been rendered unfit for human consumption is called as \_\_\_ as per the Medicinal and Toilet Preparations (Excise Duties) Act, 1955.

**Options :**

1. ✘ Ethanol
2. ✘ Methanol
3. ✔ Denatured Alcohol
4. ✘ Butanol

**Question Number : 49 Question Id : 47720321681 Display Question Number : Yes Is Question**

**Mandatory : No**

\_\_\_ is the price fixed by Government for Scheduled formulations in accordance with the provisions of the DPCO.

**Options :**

1. ✔ Ceiling Price
2. ✘ Non-ceiling price
3. ✘ Maximum retail price
4. ✘ Floor price

**Question Number : 50 Question Id : 47720321682 Display Question Number : Yes Is Question**

**Mandatory : No**

\_\_\_ is an advisory board framed for advising the various Govts & DTAB.

**Options :**

1. ✘ Joint state pharmacy council
2. ✘ Pharmacy council of India
3. ✘ Central drug laboratory
4. ✔ Drugs consultative committee

## Pharmaceutical Chemistry

<b>Section Id :</b>	477203426
<b>Section Number :</b>	2
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	50
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<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes

**Question Number : 51 Question Id : 47720321683 Display Question Number : Yes Is Question**

**Mandatory : No**

One of the following is sedative expectorant

**Options :**

1. ✔  $\text{NH}_4\text{Cl}$
2. ✘ Anise
3. ✘ Lemon



4. ✘ Eucylaptus

Question Number : 52 Question Id : 47720321684 Display Question Number : Yes Is Question Mandatory : No

The pharmaceutical aid used as astringent and clearing agent is

Options :

1. ✘ Agar

2. ✔ Alum

3. ✘ Benzyl alcohol

4. ✘ Xylene

Question Number : 53 Question Id : 47720321685 Display Question Number : Yes Is Question Mandatory : No

Radiopharmaceuticals use in diagnosis of pernicious anemia

Options :

1. ✘ Ca-45

2. ✘ Cr-51

3. ✔ Co-57

4. ✘ K-42

Question Number : 54 Question Id : 47720321686 Display Question Number : Yes Is Question

Mandatory : No

Give an example of the absorbable antacids

Options :

1. ✘ Aluminium hydroxide
2. ✘ Magnesium silicate
3. ✘ Aluminum phosphate
4. ✔ Sodium bicarbonate

Question Number : 55 Question Id : 47720321687 Display Question Number : Yes Is Question

Mandatory : No

As per I.P., limit of sulphate as impurity in the stated compound is

Options :

1. ✔ 10 ppm
2. ✘ 20 ppm
3. ✘ 25 ppm
4. ✘ 15 ppm

Question Number : 56 Question Id : 47720321688 Display Question Number : Yes Is Question

Mandatory : No

Milk of magnesia is

Options :

1. ✘ Hydrated magnesium silicate
2. ✘ Hydrated magnesium oxide
3. ✘ Hydrated magnesium chloride
4. ✔ Hydrated magnesium hydroxide

Question Number : 57 Question Id : 47720321689 Display Question Number : Yes Is Question

Mandatory : No

In limit test for lead the reagent used as per I.P. and B.P. is

Options :

1. ✔ Dithizone
2. ✘ Lead sulphide
3. ✘ Barium sulphate
4. ✘ Lead nitrate

Question Number : 58 Question Id : 47720321690 Display Question Number : Yes Is Question

Mandatory : No



In limit test of sulphate which of following is used to prevent supersaturation?

Options :

1. ✘ Potassium sulphate
2. ✘ Barium sulphate
3. ✔ Alcohol
4. ✘ Acetone

Question Number : 59 Question Id : 47720321691 Display Question Number : Yes Is Question Mandatory : No

In limit test for iron interference of other metal cation is removed by

Options :

1. ✘ Thioglycolic acid
2. ✔ Citric acid
3. ✘ Diethyl ether
4. ✘ Ammonia solution

Question Number : 60 Question Id : 47720321692 Display Question Number : Yes Is Question Mandatory : No

Which stain paper is used in limit test of arsenic?

Options :

1. ✘ pH paper
2. ✘ Cobalt chloride paper
3. ✔ Mercuric chloride paper
4. ✘ Ferric chloride paper

**Question Number : 61 Question Id : 47720321693 Display Question Number : Yes Is Question Mandatory : No**

Which compound is used as the protective in GIT?

**Options :**

1. ✔ Bismuth subcarbonate
2. ✘ Sodium phosphate
3. ✘ Zinc Chloride
4. ✘ Ammonium chloride

**Question Number : 62 Question Id : 47720321694 Display Question Number : Yes Is Question Mandatory : No**

One of the following has a major role in transmission of nerve impulse

**Options :**

1. ✔ Sodium

2. ✘ Magnesium

3. ✘ Calcium

4. ✘ Cobalt

**Question Number : 63 Question Id : 47720321695 Display Question Number : Yes Is Question Mandatory : No**

The criteria for buffers suitable for use in biological research are as follows except

**Options :**

1. ✔ Permeable to biological membrane

2. ✘ Hydrolytically stable

3. ✘ Posses adaptable buffer capability

4. ✘ Non permeable to biological membrane

**Question Number : 64 Question Id : 47720321696 Display Question Number : Yes Is Question Mandatory : No**

One of the following is used as astringent, mild antiseptic and as dental cement

**Options :**

1. ✘  $ZnCl_2$

2. ✘  $NaCl$



3. ✘  $\text{KMnO}_4$

4. ✔  $\text{ZnO}$

**Question Number : 65 Question Id : 47720321697 Display Question Number : Yes Is Question Mandatory : No**

One of the following is used as antidote in cyanide poisoning

**Options :**

1. ✘ Potassium bromide

2. ✔ Sodium nitrate

3. ✘ Sodium tetradecyl sulphate

4. ✘ Zinc chloride

**Question Number : 66 Question Id : 47720321698 Display Question Number : Yes Is Question Mandatory : No**

Unit of radioactivity is

**Options :**

1. ✔ Becquerel

2. ✘ Calorie

3. ✘ ppm

4. ✘ Watt

Question Number : 67 Question Id : 47720321699 Display Question Number : Yes Is Question

Mandatory : No

Zeolite or permutit is

Options :

1. ✘ Aluminium hydroxide gel

2. ✔ Sodium AluminoSilicate

3. ✘ Magnesium chloride

4. ✘ Aluminium chloride

Question Number : 68 Question Id : 47720321700 Display Question Number : Yes Is Question

Mandatory : No

As per I.P. the pH of purified water is

Options :

1. ✔ 4.5 to 7

2. ✘ 3 to 5

3. ✘ 1 to 3

4. ✘ 7 to 9.5

Question Number : 69 Question Id : 47720321701 Display Question Number : Yes Is Question Mandatory : No

In limit test for arsenic which of following method is used?

Options :

1. ✘ Arsine test
2. ✔ Gutzeit test
3. ✘ Diphenylthio carbazone test
4. ✘ Ammonia test

Question Number : 70 Question Id : 47720321702 Display Question Number : Yes Is Question Mandatory : No

Chemical name of tartar emetic is

Options :

1. ✘ Potassium bitartrate
2. ✔ Antimony potassium tartrate
3. ✘ Magnesium tartrate
4. ✘ Ammonium tartrate

Question Number : 71 Question Id : 47720321703 Display Question Number : Yes Is Question



**Mandatory : No**

The muscarinic receptor contains which of the following amino acids as residue for parasympathetic activity?

**Options :**

1. ✘ Asparagine
2. ✔ Aspartic acid
3. ✘ Glutamic acid
4. ✘ Glutamine

**Question Number : 72 Question Id : 47720321704 Display Question Number : Yes Is Question**

**Mandatory : No**

The basic ring present in pilocarpine is:

**Options :**

1. ✘ Tetrahydrofuran and Indole
2. ✔ Tetrahydrofuran and Imidazole
3. ✘ Tetrahydrofuran and Pyrole
4. ✘ None

**Question Number : 73 Question Id : 47720321705 Display Question Number : Yes Is Question**

**Mandatory : No**

Which isomer of Propranolol is more active?

**Options :**

1. ✘ Meso
2. ✔ Levo
3. ✘ Dextro
4. ✘ Racemic

Question Number : 74 Question Id : 47720321706 Display Question Number : Yes Is Question Mandatory : No

Which is basic ring present in sulfomethoxazole?

Options :

1. ✘ Oxazole
2. ✔ Isoxazole
3. ✘ Thiazole
4. ✘ Imidazole

Question Number : 75 Question Id : 47720321707 Display Question Number : Yes Is Question Mandatory : No

Chemical name of procaine is?

Options :

1. ✔ 2-Diethylaminoethyl 4-aminobenzoate

2. ✘ N, N-Dimethyl-4-aminobenzoate
3. ✘ 4-Nitrobenzamidoethyl amine
4. ✘ 4-Amino-2-diethylamino methyl benzoate

Question Number : 76 Question Id : 47720321708 Display Question Number : Yes Is Question Mandatory : No

Theophylline chemically is a

Options :

1. ✘ 1,3,7-Trimethyl xanthine
2. ✘ 1,3,7-Triethyl xanthine
3. ✔ 1,3-Dimethyl xanthine
4. ✘ 3,7-Dimethyl xanthine

Question Number : 77 Question Id : 47720321709 Display Question Number : Yes Is Question Mandatory : No

Phenobarbital is classified as a

Options :

1. ✘ Short-acting barbiturate
2. ✔ Long acting-barbiturate



3. ✘ Intermediate acting barbiturate

4. ✘ Ultra-short-acting barbiturate

Question Number : 78 Question Id : 47720321710 Display Question Number : Yes Is Question Mandatory : No

Which isomer of ibuprofen is more active?

Options :

1. ✘ S (-) isomer

2. ✘ R (-) isomer

3. ✔ S (+) isomer

4. ✘ R (+) isomer

Question Number : 79 Question Id : 47720321711 Display Question Number : Yes Is Question Mandatory : No

Phenylbutazone is a \_\_\_\_\_

Options :

1. ✘ Pyrazolone derivative

2. ✔ Pyrazolidinedione derivative

3. ✘ N-arylanthranilic acid derivative.

4. ✘ Pyrrole derivative

Question Number : 80 Question Id : 47720321712 Display Question Number : Yes Is Question Mandatory : No

What is the chemical name of penicillin V?

Options :

1. ✔ Phenoxy methyl penicillin
2. ✘ Benzyl penicillin
3. ✘ D--amino-p-hydroxy ethyl penicillin
4. ✘ 2,6-dimethoxyphenyl penicillin

Question Number : 81 Question Id : 47720321713 Display Question Number : Yes Is Question Mandatory : No

Cephalexin is used mainly as

Options :

1. ✔ Antibiotic for Respiratory tract infections
2. ✘ Anti Diarrhoeal agent
3. ✘ Anti inflammatory agent
4. ✘ Anti emetic agent

Question Number : 82 Question Id : 47720321714 Display Question Number : Yes Is Question Mandatory : No

Polyene antibiotics such as amphotericin-B most likely

Options :

1. ✘ Inhibits bacterial DNA synthesis
2. ✘ Binds to prokaryotic ribosomes
3. ✘ Acts as anti metabolitis
4. ✔ Reacts with sterols in the membrane

Question Number : 83 Question Id : 47720321715 Display Question Number : Yes Is Question Mandatory : No

Furosemide contains \_\_\_\_\_ ring

Options :

1. ✔ Furan
2. ✘ Thiazole
3. ✘ Oxazole
4. ✘ Imidazole.

Question Number : 84 Question Id : 47720321716 Display Question Number : Yes Is Question Mandatory : No



Which of the following is an Osmotic diuretic ?

**Options :**

1. ✘ Furosemide
2. ✔ Chlorthiazide
3. ✘ Benzthiazide
4. ✘ Mannitol

**Question Number : 85 Question Id : 47720321717 Display Question Number : Yes Is Question**

**Mandatory : No**

Ethambutol is a/an

**Options :**

1. ✔ Sedative
2. ✘ Anti epileptic agent
3. ✘ Anti tubercular drug
4. ✘ Diuretic

**Question Number : 86 Question Id : 47720321718 Display Question Number : Yes Is Question**

**Mandatory : No**

One of the following is an enzyme required for glycolysis pathway:

**Options :**

1. ✘ Pyruvate carboxylase
2. ✔ Pyruvate kinase
3. ✘ Fructose-6-phosphatase
4. ✘ Phosphokinase

Question Number : 87 Question Id : 47720321719 Display Question Number : Yes Is Question

Mandatory : No

Deficiency of vitamin D causes

Options :

1. ✘ Tuberculosis of bone
2. ✔ Ricket and osteomalacia
3. ✘ Pellagra
4. ✘ Beri-beri

Question Number : 88 Question Id : 47720321720 Display Question Number : Yes Is Question

Mandatory : No

Vitamin B12 contains \_\_\_\_\_ metal.

Options :

1. ✘ Copper

2. ✘ Iron

3. ✔ Cobalt

4. ✘ Lead

**Question Number : 89 Question Id : 47720321721 Display Question Number : Yes Is Question Mandatory : No**

Enzymes, which are produced in inactive form in the living cells, are called

**Options :**

1. ✘ Co-enzyme

2. ✘ Holoenzymes

3. ✔ Proenzymes

4. ✘ Isozymes

**Question Number : 90 Question Id : 47720321722 Display Question Number : Yes Is Question Mandatory : No**

Which vitamin deficiency causes cheilosis?

**Options :**

1. ✘ Thiamine

2. ✔ Riboflavin



3. ✘ Pyridoxine

4. ✘ Biotin

**Question Number : 91 Question Id : 47720321723 Display Question Number : Yes Is Question Mandatory : No**

Maltose is composed by

**Options :**

1. ✘ Glucose + Galactose

2. ✘ Fructose + Galactose

3. ✘ Glucose + Fructose

4. ✔ Glucose + Glucose

**Question Number : 92 Question Id : 47720321724 Display Question Number : Yes Is Question Mandatory : No**

The sugar present in RNA is

**Options :**

1. ✔ Ribose

2. ✘ Deoxyribose

3. ✘ Fructose

4. ✘ Pentose

**Question Number : 93 Question Id : 47720321725 Display Question Number : Yes Is Question Mandatory : No**

In citric acid cycle citrate is converted in to isocitrate by

**Options :**

1. ✔ Aconitase

2. ✘ Isocitrate dehydrogenase

3. ✘ Citrate synthase

4. ✘ Succinate dehydrogenase

**Question Number : 94 Question Id : 47720321726 Display Question Number : Yes Is Question Mandatory : No**

Citric acid cycle is also known as

**Options :**

1. ✘ Uronic acid cycle

2. ✘ Reductive pathway of carbohydrate

3. ✔ Krebs cycle

4. ✘ Synthesis of glucose from non-carbohydrate precursor

Question Number : 95 Question Id : 47720321727 Display Question Number : Yes Is Question Mandatory : No

Name the enzymes involved in conversion of oxaloacetate to  $\alpha$ -ketoglutarate

Options :

1. ✓ Isocitrate dehydrogenase
2. ✗ Fumarase
3. ✗ Aconitase
4. ✗ Thiolase

Question Number : 96 Question Id : 47720321728 Display Question Number : Yes Is Question Mandatory : No

HMP shunt occurs in

Options :

1. ✗ Mitochondria
2. ✓ Cytosol
3. ✗ Nucleus
4. ✗ Ribosomes

Question Number : 97 Question Id : 47720321729 Display Question Number : Yes Is Question



**Mandatory : No**

Hypervitaminosis of vitamin A causes

**Options :**

1. ✘ Xerophthalmia
2. ✘ Pernicious anemia
3. ✘ Keratomalacia
4. ✔ Dermatitis, loss of hair

**Question Number : 98 Question Id : 47720321730 Display Question Number : Yes Is Question**

**Mandatory : No**

The reaction given by two or more peptide linkages is?

**Options :**

1. ✔ Biuret test
2. ✘ Ninhydrin test
3. ✘ Xanthoproteic test
4. ✘ Pauley's test

**Question Number : 99 Question Id : 47720321731 Display Question Number : Yes Is Question**

**Mandatory : No**

Serum glutamate pyruvate transaminase is used for diagnosis of

**Options :**

1. ✓ Rickets
2. ✘ Acute pancreatics
3. ✘ Myocardial infarction
4. ✘ Rickets

**Question Number : 100 Question Id : 47720321732 Display Question Number : Yes Is Question Mandatory : No**

The constituent of cholesterol termed as bad cholesterol is

**Options :**

1. ✘ HDL
2. ✓ LDL
3. ✘ VLDL
4. ✘ Triglycerides

## Pharmacognosy

**Section Id :** 477203427  
**Section Number :** 3  
**Mandatory or Optional :** Mandatory

**Number of Questions :** 50  
**Section Marks :** 50  
**Enable Mark as Answered Mark for Review and Clear Response :** Yes

**Question Number : 101 Question Id : 47720321733 Display Question Number : Yes Is Question Mandatory : No**

The drugs which have stimulant effects on motility of uterus are called as \_\_\_\_\_

**Options :**

1. ✓ Oxytocics
2. ✗ Diuretics
3. ✗ Antimalarial
4. ✗ Miscellaneous

**Question Number : 102 Question Id : 47720321734 Display Question Number : Yes Is Question Mandatory : No**

Olive oil is obtained from which part of plant?

**Options :**

1. ✗ Stem
2. ✓ Ripe Fruits
3. ✗ Roots



4. ✖ Seed

**Question Number : 103 Question Id : 47720321735 Display Question Number : Yes Is Question Mandatory : No**

Surgical dressing should comply with following requirements except

**Options :**

1. ✖ Adhesive products should not be allowed to freeze
2. ✖ They should not be dyed unless mentioned in the monograph
3. ✔ They should not be sterilized before use
4. ✖ There should not be any loose threads, fiber ends in dressing

**Question Number : 104 Question Id : 47720321736 Display Question Number : Yes Is Question Mandatory : No**

When T.S. of Nux vomica stain with Phloroglucinol + Conc. HCL which part of T.S. gets pink color

**Options :**

1. ✖ Starch grain
2. ✖ Vascular Bundle
3. ✔ Trichomes
4. ✖ Xylem

Question Number : 105 Question Id : 47720321737 Display Question Number : Yes Is Question

Mandatory : No

A Product which contains crystallized dextrose is called \_\_\_\_\_

Options :

1. ✓ Granulated honey
2. ✗ Substituted honey
3. ✗ Pure honey
4. ✗ Purified honey

Question Number : 106 Question Id : 47720321738 Display Question Number : Yes Is Question

Mandatory : No

Synonym of Starch is \_\_\_\_\_

Options :

1. ✗ Japanese-Isinglass
2. ✓ Amylum
3. ✗ Jaguar gum
4. ✗ Gum Arabic

Question Number : 107 Question Id : 47720321739 Display Question Number : Yes Is Question



**Mandatory : No**

Select correct biological source of Sandalwood

**Options :**

1. ✓ It is dried heartwood of Santalum album, belonging to family Santalaceae.
2. ✗ It is dried sapwood of Santalum album, belonging to family Santalaceae.
3. ✗ It is dried heartwood of Santalum album, belonging to family Leguminosae
4. ✗ It is dried heartwood of Citrus-sinensis , belonging to family Santalaceae.

**Question Number : 108 Question Id : 47720321740 Display Question Number : Yes Is Question**

**Mandatory : No**

Who was known as "Father of Medicine"?

**Options :**

1. ✓ Hippocrates
2. ✗ Aristotle
3. ✗ Galen
4. ✗ Sushrut

**Question Number : 109 Question Id : 47720321741 Display Question Number : Yes Is Question**

**Mandatory : No**

Which chemical test Is used for identification of Senna drug



**Options :**

1. ✘ Keller-Killiani test
2. ✔ Borntrager test
3. ✘ Modified Borntrager test
4. ✘ Swelling factor

**Question Number : 110 Question Id : 47720321742 Display Question Number : Yes Is Question Mandatory : No**

List out any two examples of drugs from umbelliferae family.

**Options :**

1. ✘ Vinca, Castor oil
2. ✘ Gokhru, Rhuburb
3. ✘ Vasaka, Aloe
4. ✔ Fennel, Coriander

**Question Number : 111 Question Id : 47720321743 Display Question Number : Yes Is Question Mandatory : No**

Identify family of Aloe from following

**Options :**

1. ✘ Polygonaceae

2. ✓ Liliaceae

3. ✗ Euphorbiaceae

4. ✗ Plantaginaceae

Question Number : 112 Question Id : 47720321744 Display Question Number : Yes Is Question

Mandatory : No

\_\_\_\_\_ is a Synonym of Asafoetida

Options :

1. ✓ Devil`s dung

2. ✗ Foxglove leaves

3. ✗ Kalmi-Dalchini

4. ✗ Myristica

Question Number : 113 Question Id : 47720321745 Display Question Number : Yes Is Question

Mandatory : No

Strychnine is chemical constituents of \_\_\_\_\_

Options :

1. ✗ Opium

2. ✗ Ephedra

3. ✘ Rauwolfia

4. ✔ Nux vomica

**Question Number : 114 Question Id : 47720321746 Display Question Number : Yes Is Question Mandatory : No**

The cultivation of cannabis is in control of \_\_\_\_\_

**Options :**

1. ✘ Drug and Cosmetic Commissioner

2. ✘ Excise Commissioner

3. ✔ Narcotic Commissioner

4. ✘ Police Commissioner

**Question Number : 115 Question Id : 47720321747 Display Question Number : Yes Is Question Mandatory : No**

Select the incorrect pair of part of the plant is useful as a drug in case of following

**Options :**

1. ✔ Vasaka: Wood or bark

2. ✘ Gymnema: Leaves

3. ✘ Senna: Leaf



4. ✘ Ginger: Rhizomes

**Question Number : 116 Question Id : 47720321748 Display Question Number : Yes Is Question Mandatory : No**

What is use of Guggul and colchicum?

**Options :**

1. ✔ Antirheumatic

2. ✘ Diuretic

3. ✘ Anti-tussive

4. ✘ Antiseptic

**Question Number : 117 Question Id : 47720321749 Display Question Number : Yes Is Question Mandatory : No**

Identify the leaves which paralyses the taste glands for few hours against sweet and bitter taste after chewing it.

**Options :**

1. ✔ Gymnema

2. ✘ Vinca

3. ✘ Vasaka

4. ✘ Senna

**Question Number : 118 Question Id : 47720321750 Display Question Number : Yes Is Question Mandatory : No**

Guggul is the \_\_\_\_\_ obtained by the incision of the bark of the plant \_Commiphora weightii.

**Options :**

1. ✘ Oleo resin

2. ✔ Oleo gum resin

3. ✘ Gum resin

4. ✘ Resin

**Question Number : 119 Question Id : 47720321751 Display Question Number : Yes Is Question Mandatory : No**

Chaulmoogra oil is obtained from \_\_\_\_\_

**Options :**

1. ✔ Hydnocarpus anthelminitica

2. ✘ Colchicum autumnale

3. ✘ Catharanthus roseus

4. ✘ Gymnema Sylvester

Question Number : 120 Question Id : 47720321752 Display Question Number : Yes Is Question

Mandatory : No

Select the drug from the following which gives red colour with ruthenium red solution

Options :

1. ✘ Acacia
2. ✔ Agar
3. ✘ Tragacanth
4. ✘ Honey

Question Number : 121 Question Id : 47720321753 Display Question Number : Yes Is Question

Mandatory : No

Gross profit ratio =?

Options :

1. ✘  $\text{Net sales} / \text{Average inventory}$
2. ✘  $\text{Net profit} / \text{Total sales} \times 100$
3. ✔  $\text{Gross profit} / \text{Net sales} \times 100$
4. ✘  $\text{Gross profit} / \text{Total sales} \times 100$



Question Number : 122 Question Id : 47720321754 Display Question Number : Yes Is Question

Mandatory : No

Budget committee consists of following members except \_\_\_\_\_

Options :

1. ✘ Chief executive
2. ✘ Budget officer
3. ✘ Head of Department
4. ✔ Budget Commissioner

Question Number : 123 Question Id : 47720321755 Display Question Number : Yes Is Question

Mandatory : No

\_\_\_\_\_ is a budget which is designed to change as per the levels of activity actually attained.

Options :

1. ✘ Fixed budget
2. ✔ Flexible budget
3. ✘ Master budget
4. ✘ Current budget

Question Number : 124 Question Id : 47720321756 Display Question Number : Yes Is Question

**Mandatory : No**

An irrecoverable debit is known as '\_\_\_\_\_'. This is a loss item for business and hence appears on the debit side of profit and loss account.

**Options :**

1. ✘ Repairs
2. ✘ Commission
3. ✔ Bad debts
4. ✘ Drawings

**Question Number : 125 Question Id : 47720321757 Display Question Number : Yes Is Question**

**Mandatory : No**

The accounts are maintained to deal with transactions related to building, cash, furniture, land, machinery, stock is called as?

**Options :**

1. ✘ Nominal accounts
2. ✘ Personal accounts
3. ✔ Real accounts
4. ✘ Bank accounts

**Question Number : 126 Question Id : 47720321758 Display Question Number : Yes Is Question**

**Mandatory : No**

Choose incorrect step which is not involved in Process of organizing.

**Options :**

1. ✘ Identify the activities necessary to achieve the objectives
2. ✘ Grouping the activities into manageable units
3. ✘ Assigning duties or task to appropriate individuals
4. ✔ Training and development

**Question Number : 127 Question Id : 47720321759 Display Question Number : Yes Is Question Mandatory : No**

Select Incorrect form of business organization

**Options :**

1. ✘ Partnership
2. ✘ Joint stock company
3. ✔ Mail order Business
4. ✘ Sole proprietorship

**Question Number : 128 Question Id : 47720321760 Display Question Number : Yes Is Question Mandatory : No**

Retail Pharmacy business (Chemist shop) is \_\_\_\_\_ type of Business.

**Options :**



1. ✘ Joint stock company Business
2. ✔ Sole proprietorship Business
3. ✘ Partnership Business
4. ✘ Cooperative society Business

**Question Number : 129 Question Id : 47720321761 Display Question Number : Yes Is Question Mandatory : No**

In double entry book keeping Left hand side known as \_\_\_\_\_ and is denoted by 'Dr' and right hand side known as \_\_\_\_\_ site and is denoted by 'Cr'

**Options :**

1. ✘ Credit, debit
2. ✘ Credit, credit
3. ✘ Debit, assets
4. ✔ Debit, credit

**Question Number : 130 Question Id : 47720321762 Display Question Number : Yes Is Question Mandatory : No**

Select incorrect factor while selecting the site for starting new drug store.

**Options :**

1. ✓ Types of patients
2. ✘ Availability of finance
3. ✘ Business locality
4. ✘ Parking

**Question Number : 131 Question Id : 47720321763 Display Question Number : Yes Is Question Mandatory : No**

The original or renewal licence to sell drugs is valid up to \_\_\_\_\_ of the year.

**Options :**

1. ✘ 31st January
2. ✓ 31st December
3. ✘ 31st March
4. ✘ 1st March

**Question Number : 132 Question Id : 47720321764 Display Question Number : Yes Is Question Mandatory : No**

After selection of the supplier, a mutual agreement is done between the supplier and the buyer is called \_\_\_\_\_

**Options :**

1. ✓ Contract

2. ✘ Tender

3. ✘ Deed

4. ✘ Order

**Question Number : 133 Question Id : 47720321765 Display Question Number : Yes Is Question**

**Mandatory : No**

FIFO means

**Options :**

1. ✘ Fast In Fast Out

2. ✘ First In Fast Out

3. ✘ File In File Out

4. ✔ First In First Out

**Question Number : 134 Question Id : 47720321766 Display Question Number : Yes Is Question**

**Mandatory : No**

A modern drug store should fulfil all the minimum requirements in \_\_\_\_\_

**Options :**

1. ✘ Schedule H

2. ✔ Schedule N



3. ✘ Schedule C

4. ✘ Schedule M

**Question Number : 135 Question Id : 47720321767 Display Question Number : Yes Is Question Mandatory : No**

The minimum area required to open a retail drug store is-----

**Options :**

1. ✘ 70-100 sq ft

2. ✘ 50-90 sq ft

3. ✔ 90-100 sq ft

4. ✘ 100-150 sq ft

**Question Number : 136 Question Id : 47720321768 Display Question Number : Yes Is Question Mandatory : No**

\_\_\_\_\_ is another term for type 2 diabetes

**Options :**

1. ✔ Adult onset diabetes

2. ✘ Sugar Diabetes

3. ✘ Insulin Diabetes

4. ✘ Gestational Diabetes

Question Number : 137 Question Id : 47720321769 Display Question Number : Yes Is Question Mandatory : No

Angina pectoris means

Options :

1. ✘ Blood flow is unaffected
2. ✘ Most common in children
3. ✔ Inadequate supply of oxygen to the heart muscles
4. ✘ Heart stops beating

Question Number : 138 Question Id : 47720321770 Display Question Number : Yes Is Question Mandatory : No

Causative agent of Chicken pox is

Options :

1. ✘ Salmonella typhi
2. ✘ Vibrio cholera
3. ✔ Varicella zoster
4. ✘ Influenza virus

Question Number : 139 Question Id : 47720321771 Display Question Number : Yes Is Question

Mandatory : No

Naturally acquired active immunity would be most likely acquired through which of the following processes?

Options :

1. ✘ Vaccination
2. ✘ Drinking colostrum
3. ✘ Natural birth
4. ✔ Infection with disease causing organism

Question Number : 140 Question Id : 47720321772 Display Question Number : Yes Is Question

Mandatory : No

The following is a good way to prevent noncommunicable diseases:

Options :

1. ✘ Eating more sugar
2. ✘ Eating more salt
3. ✔ Eating more vegetables and fruits
4. ✘ Eating more chicken



**Question Number : 141 Question Id : 47720321773 Display Question Number : Yes Is Question Mandatory : No**

Which microorganism(s) among the following perform photosynthesis by utilizing light?

**Options :**

1. ✓ Cyanobacterium
2. ✗ Fungi
3. ✗ Viruses
4. ✗ Amoeba

**Question Number : 142 Question Id : 47720321774 Display Question Number : Yes Is Question Mandatory : No**

What is the correct order of staining reagents in Gram-Staining?

**Options :**

1. ✗ Crystal violet, alcohol, iodine solution, safranin
2. ✓ Crystal violet, iodine solution, alcohol, safranin
3. ✗ Crystal violet, safranin, alcohol, iodine solution
4. ✗ Iodine solution, crystal violet, alcohol, safranin

**Question Number : 143 Question Id : 47720321775 Display Question Number : Yes Is Question Mandatory : No**

When rod shaped bacteria appears in pairs,it is known as?

**Options :**

1. ✓ **Doplobacilli**
2. ✗ **Streptobacilli**
3. ✗ **Diplococci**
4. ✗ **Staphilococci**

**Question Number : 144 Question Id : 47720321776 Display Question Number : Yes Is Question Mandatory : No**

Which of the following is used as a solidifying agent for media?

**Options :**

1. ✗ **Beef extract**
2. ✗ **Peptone**
3. ✓ **Agar**
4. ✗ **Yeast extract**

**Question Number : 145 Question Id : 47720321777 Display Question Number : Yes Is Question Mandatory : No**

**CHOLERA is**

**Options :**

1. ✘ Bacterial disease
2. ✔ Viral disease
3. ✘ Protozoal disease
4. ✘ Fungal disease

**Question Number : 146 Question Id : 47720321778 Display Question Number : Yes Is Question Mandatory : No**

7th APRIL is celebrated every year as

**Options :**

1. ✘ World AIDS day
2. ✔ World Health Day
3. ✘ International nurse day
4. ✘ Doctors Day

**Question Number : 147 Question Id : 47720321779 Display Question Number : Yes Is Question Mandatory : No**

Tetanus is transmitted through

**Options :**

1. ✘ Contaminated water



2. ✘ Contaminated food
3. ✔ Contamination of wound with tetanus spores
4. ✘ Air

Question Number : 148 Question Id : 47720321780 Display Question Number : Yes Is Question Mandatory : No

DOT'S therapy used for treatment of

Options :

1. ✘ Leprosy
2. ✔ Tuberculosis
3. ✘ AIDS
4. ✘ Poliomyelitis

Question Number : 149 Question Id : 47720321781 Display Question Number : Yes Is Question Mandatory : No

Main antibody of both primary and secondary immune response is

Options :

1. ✔ IgG
2. ✘ IgA

3. ✘ IgM

4. ✘ IgE

Question Number : 150 Question Id : 47720321782 Display Question Number : Yes Is Question Mandatory : No

Name the Disease caused due to Deficiency of Vitamin C

Options :

1. ✘ Pellagra

2. ✔ Scurvy

3. ✘ Pernicious anemia

4. ✘ Night Blindness

## Pharmacology

Section Id :	477203428
Section Number :	4
Mandatory or Optional :	Mandatory
Number of Questions :	50
Section Marks :	50
Enable Mark as Answered Mark for Review and Clear Response :	Yes

Question Number : 151 Question Id : 47720321783 Display Question Number : Yes Is Question

Mandatory : No

The study of functioning of body parts is called as \_\_\_\_\_

Options :

1. ✘ Histology
2. ✔ Physiology
3. ✘ Homeostasis
4. ✘ Metabolism

Question Number : 152 Question Id : 47720321784 Display Question Number : Yes Is Question

Mandatory : No

Which structure separates the thoracic cavity from the abdominal cavity ?

Options :

1. ✘ Mediastinum
2. ✔ Diaphragm
3. ✘ Peritoneum
4. ✘ Pylorus

Question Number : 153 Question Id : 47720321785 Display Question Number : Yes Is Question

Mandatory : No



In which part of a cell does the process of making ATP from oxygen and glucose takes place

**Options :**

1. ✘ Liposome's
2. ✘ Ribosome's
3. ✔ Mitochondria
4. ✘ Golgi apparatus

**Question Number : 154 Question Id : 47720321786 Display Question Number : Yes Is Question Mandatory : No**

Which form of transport through the plasma membrane requires the expenditure of energy by the cell ?

**Options :**

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

**Question Number : 155 Question Id : 47720321787 Display Question Number : Yes Is Question Mandatory : No**

Which one of the following is not a serous membrane?

**Options :**

1. ✘ Pleura
2. ✘ Peritoneum
3. ✔ Mucosa
4. ✘ Pericardium

**Question Number : 156 Question Id : 47720321788 Display Question Number : Yes Is Question Mandatory : No**

Which of the following is not a cell found in connective tissue

**Options :**

1. ✘ Adipocytes
2. ✘ Chondrocytes
3. ✔ Keratinocytes
4. ✘ Osteoblasts

**Question Number : 157 Question Id : 47720321789 Display Question Number : Yes Is Question Mandatory : No**

Adipocytes are found in which type of the tissue

**Options :**

1. ✘ Muscle tissue

2. ✘ Epithelial tissue
3. ✘ Nervous tissue
4. ✔ Connective tissue

**Question Number : 158 Question Id : 47720321790 Display Question Number : Yes Is Question Mandatory : No**

Cartilaginous joint is also known as

**Options :**

1. ✘ Synarthroses
2. ✔ Amphiarthroses
3. ✘ Diarthrosis
4. ✘ Articulation

**Question Number : 159 Question Id : 47720321791 Display Question Number : Yes Is Question Mandatory : No**

There is an increase in the number of RBC'S in one of the following conditions

**Options :**

1. ✘ Anaemia
2. ✘ ESR



3. ✓ Polycythemia

4. ✗ Erythropoiesis

**Question Number : 160 Question Id : 47720321792 Display Question Number : Yes Is Question Mandatory : No**

The opening between right atrium and right ventricle is guarded by

**Options :**

1. ✗ Bicuspid valve

2. ✗ Mitral valve

3. ✗ Cordae tendinae

4. ✓ Tricuspid valve

**Question Number : 161 Question Id : 47720321793 Display Question Number : Yes Is Question Mandatory : No**

Dilated and tortuous superficial vein is called as \_\_\_\_\_

**Options :**

1. ✓ Varicose vein

2. ✗ Venous thrombosis

3. ✗ Thrombophlebitis

4. ✘ Tibial vein

Question Number : 162 Question Id : 47720321794 Display Question Number : Yes Is Question

Mandatory : No

Which is the lowest part of pharynx

Options :

1. ✘ Oropharynx

2. ✘ Nasopharynx

3. ✔ Laryngopharynx

4. ✘ Larynx

Question Number : 163 Question Id : 47720321795 Display Question Number : Yes Is Question

Mandatory : No

The very small parallel filaments which lie in cytoplasm are

Options :

1. ✘ Sarcolemma

2. ✔ Myofibrils

3. ✘ Nucleus

4. ✘ Endomysium

Question Number : 164 Question Id : 47720321796 Display Question Number : Yes Is Question

Mandatory : No

Largest part of the brain is

Options :

1. ✓ Cerebrum
2. ✗ Cerebellum
3. ✗ Midbrain
4. ✗ Pons

Question Number : 165 Question Id : 47720321797 Display Question Number : Yes Is Question

Mandatory : No

The neurotransmitter in the postganglionic synapse of parasympathetic nervous system is \_\_\_\_\_

Options :

1. ✗ Dopamine
2. ✗ GABA
3. ✗ Glycine
4. ✓ Acetylcholine

Question Number : 166 Question Id : 47720321798 Display Question Number : Yes Is Question

Mandatory : No



Medial rectus muscle of eye is useful for

**Options :**

1. ✘ Moving the eye upward
2. ✔ Moving the eye inwards
3. ✘ Moving the eye downward
4. ✘ Moving the eye outward

**Question Number : 167 Question Id : 47720321799 Display Question Number : Yes Is Question Mandatory : No**

Which structure projects above the gum, in tooth?

**Options :**

1. ✔ Crown
2. ✘ Neck
3. ✘ Root
4. ✘ Dentine

**Question Number : 168 Question Id : 47720321800 Display Question Number : Yes Is Question Mandatory : No**

It is a muscular tube which extends between pharynx and cardiac orifice of stomach

**Options :**

1. ✘ Pelvis
2. ✔ Oesophagus
3. ✘ Abdomen
4. ✘ Stomach

**Question Number : 169 Question Id : 47720321801 Display Question Number : Yes Is Question Mandatory : No**

Anterior lobe of pituitary gland is called

**Options :**

1. ✘ Posterior lobe
2. ✘ Neurohypophysis
3. ✔ Adenohypophysis
4. ✘ Pars intermedia

**Question Number : 170 Question Id : 47720321802 Display Question Number : Yes Is Question Mandatory : No**

It contains the urethra and it lies below corpora cavernosa

**Options :**

1. ✘ Corpora

2. ✓ Corpora spongiosum

3. ✗ Glans penis

4. ✗ Profuse

**Question Number : 171 Question Id : 47720321803 Display Question Number : Yes Is Question Mandatory : No**

Claude Bernard is known as

**Options :**

1. ✗ Father of medicine

2. ✗ Father of polypharmacy

3. ✗ Father of pharmacology

4. ✓ Father of experimental medicine

**Question Number : 172 Question Id : 47720321804 Display Question Number : Yes Is Question Mandatory : No**

Two drugs having similar effects are termed as

**Options :**

1. ✗ Heterergic drugs

2. ✗ Isomer drugs



3. ✓ Homergic drugs

4. ✗ Antagonistic drugs

**Question Number : 173 Question Id : 47720321805 Display Question Number : Yes Is Question Mandatory : No**

Phocomelia is a known teratogenic effect of

**Options :**

1. ✗ Anti cancer drugs

2. ✗ Anti viral drugs

3. ✗ Anti epileptic drugs

4. ✓ Thalidomide

**Question Number : 174 Question Id : 47720321806 Display Question Number : Yes Is Question Mandatory : No**

The therapeutics index of a drug is a measure of its

**Options :**

1. ✓ Safety

2. ✗ Potency

3. ✗ Efficacy

4. ✘ Dose variability

**Question Number : 175 Question Id : 47720321807 Display Question Number : Yes Is Question Mandatory : No**

Which of the following inhalational general anaesthetic is not a volatile liquid ?

**Options :**

1. ✘ Enflurane

2. ✘ Methoxy flurane

3. ✘ Isoflurane

4. ✔ Nitrous oxide

**Question Number : 176 Question Id : 47720321808 Display Question Number : Yes Is Question Mandatory : No**

Prilocaine, a local anesthetic is used in

**Options :**

1. ✔ Dental anaesthesia

2. ✘ Spinal anaesthesia

3. ✘ Caudal anaesthesia

4. ✘ Abdominal surgical anaesthesia

Question Number : 177 Question Id : 47720321809 Display Question Number : Yes Is Question

Mandatory : No

Centrally acting skeletal muscle relaxant is

Options :

1. ✓ Carisoprodol
2. ✗ Dantrolene
3. ✗ Gallamine
4. ✗ Succinylcholine

Question Number : 178 Question Id : 47720321810 Display Question Number : Yes Is Question

Mandatory : No

Instead of depressing, Morphine stimulates

Options :

1. ✗ Vasomotor center
2. ✓ Edinger westphal nucleus
3. ✗ Temperature regulating center
4. ✗ Cough center

Question Number : 179 Question Id : 47720321811 Display Question Number : Yes Is Question



**Mandatory : No**

Probencid has the following action

**Options :**

1. ✓ Uricosuric
2. ✗ Analgesic
3. ✗ Anti inflammatory
4. ✗ Anti pyretic

**Question Number : 180 Question Id : 47720321812 Display Question Number : Yes Is Question**

**Mandatory : No**

Earliest sign of aspirin toxicity is

**Options :**

1. ✓ Tinnitus
2. ✗ Metabolic acidosis
3. ✗ Reye's syndrome
4. ✗ Respiratory depression

**Question Number : 181 Question Id : 47720321813 Display Question Number : Yes Is Question**

**Mandatory : No**

Digoxin given for cardiac failure is extremely valuable in the patient of

**Options :**

1. ✘ Thyrotoxicosis
2. ✘ Beri beri
3. ✘ Cor pulmonale
4. ✔ Atrial fibrillation

**Question Number : 182 Question Id : 47720321814 Display Question Number : Yes Is Question Mandatory : No**

Drugs used in asthma that often cause tachycardia and tremor

**Options :**

1. ✘ Beclomethasone
2. ✘ Cromolyn sodium
3. ✘ Ipratropium
4. ✔ Metaproterenol

**Question Number : 183 Question Id : 47720321815 Display Question Number : Yes Is Question Mandatory : No**

Sulphonamides are primarily metabolized by

**Options :**

1. ✔ Acetylation

2. ✘ Glucuronidation

3. ✘ Sulfate formation

4. ✘ Oxidation

Question Number : 184 Question Id : 47720321816 Display Question Number : Yes Is Question

Mandatory : No

The agent used to treat tapeworm infection is

Options :

1. ✔ Praziquantel

2. ✘ Diazoxanide furoate

3. ✘ Pentamidine

4. ✘ Thiabendazole

Question Number : 185 Question Id : 47720321817 Display Question Number : Yes Is Question

Mandatory : No

The following anti cancer drug has high emetogenic potential

Options :

1. ✘ Vincristine

2. ✘ Chlorambucil



3. ✘ 6-mercaptopurine

4. ✔ Cisplatin

**Question Number : 186 Question Id : 47720321818 Display Question Number : Yes Is Question Mandatory : No**

Anti-diabetic agent that most likely cause lactic acidosis is

**Options :**

1. ✘ Chlorpropamide

2. ✔ Phenformin

3. ✘ Glipizide

4. ✘ Metformin

**Question Number : 187 Question Id : 47720321819 Display Question Number : Yes Is Question Mandatory : No**

Omeprazole is most useful in

**Options :**

1. ✘ Gastric ulcer

2. ✔ Duodenal ulcer

3. ✘ Esophagitis

Gastritis

4. ✘

**Question Number : 188 Question Id : 47720321820 Display Question Number : Yes Is Question Mandatory : No**

Ondansetron is a

**Options :**

1. ✘ Second generation antihistaminic drug
2. ✘ Drug for peptic ulcer
3. ✘ Anti arrhythmic drug
4. ✔ Anti emetic for cancer chemotherapy

**Question Number : 189 Question Id : 47720321821 Display Question Number : Yes Is Question Mandatory : No**

The neuromuscular blocker having prominent anti-vagal action is \_\_\_\_\_

**Options :**

1. ✘ Pancuronium
2. ✘ Vecuronium
3. ✘ Atracurium
4. ✔ Gallamine triethiodide

Question Number : 190 Question Id : 47720321822 Display Question Number : Yes Is Question

Mandatory : No

Which fibrinolytic drug is antigenic?

Options :

1. ✓ Streptokinase

2. ✗ Urokinase

3. ✗ Alteplase

4. ✗ EACA

Question Number : 191 Question Id : 47720321823 Display Question Number : Yes Is Question

Mandatory : No

Area designed for the preparation of sterile products is \_\_\_\_\_

Options :

1. ✓ Clean room

2. ✗ Formulary

3. ✗ In-patient pharmacy

4. ✗ Out-patient pharmacy



Question Number : 192 Question Id : 47720321824 Display Question Number : Yes Is Question

Mandatory : No

A list of drugs stocked at the hospital which have been selected is based on \_\_\_\_\_

Options :

1. ✘ Closed formulary
2. ✔ Formulary
3. ✘ Open formulary
4. ✘ Pharmacopeia's

Question Number : 193 Question Id : 47720321825 Display Question Number : Yes Is Question

Mandatory : No

Word used for Twice the quantity is

Options :

1. ✔ Duplum
2. ✘ Dimidium
3. ✘ Divide
4. ✘ Dosis

Question Number : 194 Question Id : 47720321826 Display Question Number : Yes Is Question

Mandatory : No

Inventory consists of the following

**Options :**

1. ✘ Excipients
2. ✔ Raw materials
3. ✘ Vehicle
4. ✘ Chemical constituents

**Question Number : 195 Question Id : 47720321827 Display Question Number : Yes Is Question**

**Mandatory : No**

OTC stands for

**Options :**

1. ✘ Over the cost
2. ✘ Over the control
3. ✔ Over the counter
4. ✘ Out time care

**Question Number : 196 Question Id : 47720321828 Display Question Number : Yes Is Question**

**Mandatory : No**

Type I ADR reactions are

**Options :**

1. ✘ Caused when T-cells bind to a specific antigen
2. ✘ Caused by tissue injury
3. ✔ IgE mediated
4. ✘ Caused by cytotoxic antibodies

**Question Number : 197 Question Id : 47720321829 Display Question Number : Yes Is Question Mandatory : No**

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

**Options :**

1. ✘ Digitoxin
2. ✘ Gentamycin
3. ✘ Phenytoin
4. ✔ Paracetamol

**Question Number : 198 Question Id : 47720321830 Display Question Number : Yes Is Question Mandatory : No**

The bioavailability of a drug administered by direct intravenous route is

**Options :**

1. ✔ 100%



2. ✘ 0%

3. ✘ Dependent on the half-life of the drug

4. ✘ Is unpredictable

**Question Number : 199 Question Id : 47720321831 Display Question Number : Yes Is Question Mandatory : No**

Which one of these is used to increase the serum level of penicillin ?

**Options :**

1. ✘ Aspirin

2. ✘ Ranitidine

3. ✘ Aluminium hydroxide gel

4. ✔ Probencid

**Question Number : 200 Question Id : 47720321832 Display Question Number : Yes Is Question Mandatory : No**

Opiates, tobacco and alcohol commonly causes

**Options :**

1. ✘ Psychological dependence

2. ✔ Physical dependence

3. ✖ Drug abuse

4. ✖ Antagonism