Andhra Pradesh State Council of Higher Education

Notations:

Help Button:

Show Reports:

1.Options shown in green color and with ✓ icon are correct.

2.Options shown in red color and with **x** icon are incorrect.

Question Paper Name :	Pharmacy 28th May 2023 Shift 1
Duration :	120
Total Marks :	120
Display Marks:	No
Share Answer Key With Delivery Engine :	Yes
Calculator:	None
Magnifying Glass Required? :	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required?:	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter:	No
Auto Save on Console?	Yes
Change Font Color :	No
Change Background Color :	No
Change Theme :	No

No

No

Show Progress Bar: Is this No No

Group for Examiner? : Cant View

Examiner permission : Show No

Progress Bar?:

Pharmacy

Section Id: 78773218

Section Number: 1

Mandatory or Optional: Mandatory

Number of Questions: 120 120

Section Marks:

Enable Mark as Answered Mark for Review and

Clear Response :

Maximum Instruction Time :

Is Section Default?:

Question Number: 1 Question Id: 7877322041 Display Question Number: Yes Is Question

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

Time: 0

Among the following, which is an example for functional food

- 1. Morphine
- 2. * Digoxin
- 3. x Taxol

1	Redwine
\checkmark	reawine

Question Number : 2 Question Id : 7877322042 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time: 0

Among the following, which one is used in the management of cognitive disorders

Options:

- 1. Galanthamine
- 2. W Quinine
- Quinidine
- 4. × Curcumine

Question Number : 3 Question Id : 7877322043 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which produce the pollens in the plant, among the following

- 1. x Calyx
- 2. 🗶 Corolla
- 3. Androecium

Gynaecium

Question Number : 4 Question Id : 7877322044 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Callus culture can be easily initiated from the following tissues of shoots, roots

Options:

- 1. Sclerenchymatous
- 2. Collenchymatous
- Parenchymatous 3
- Fibrous

Question Number : 5 Question Id : 7877322045 Display Question Number : Yes Is Question

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

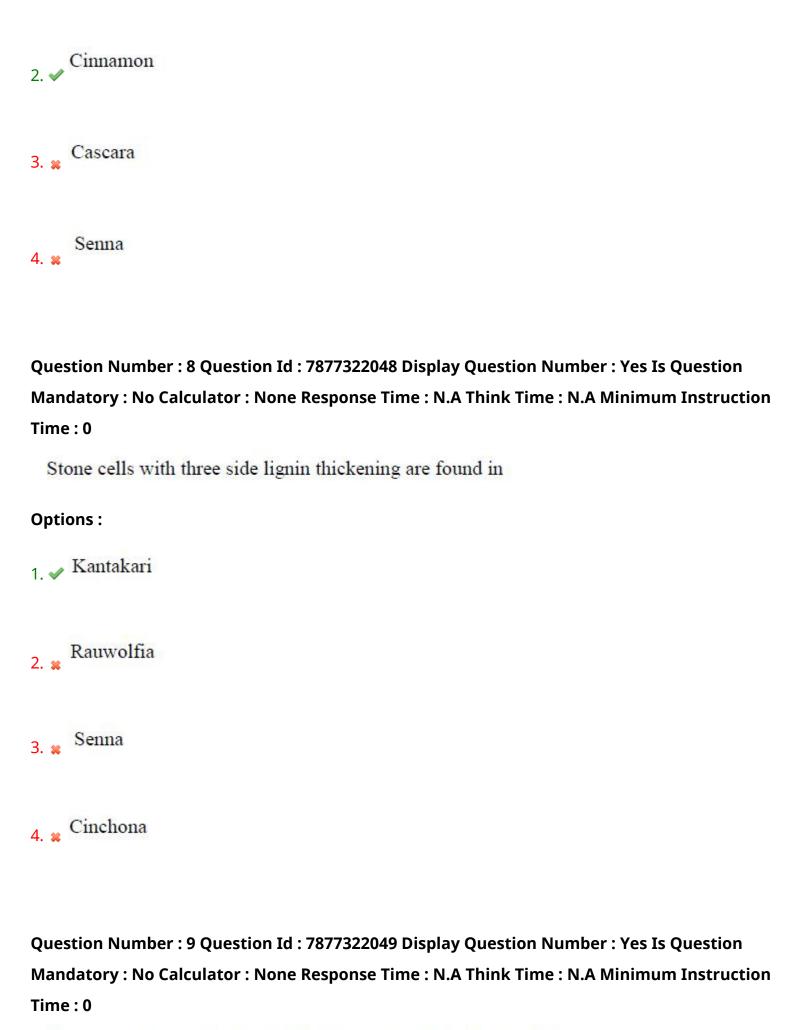
Time : 0

Stomata present in Senna are of following type

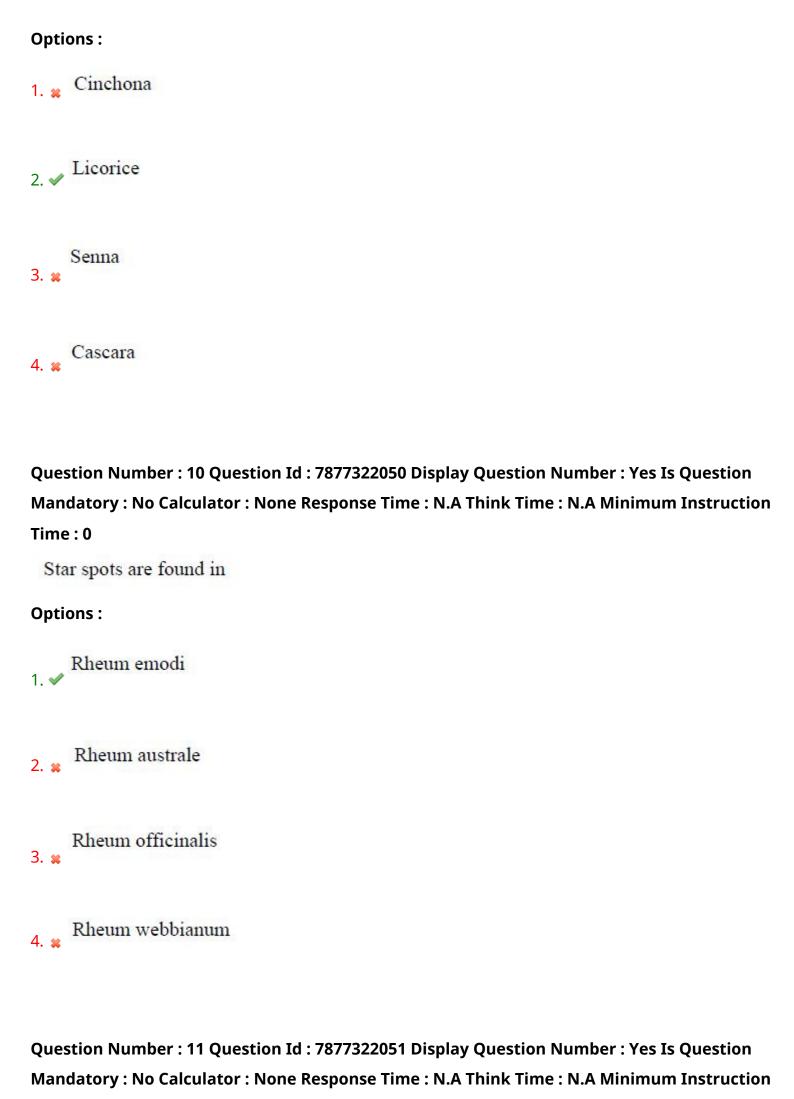
- 1. Anamocytic
- 2. Paracytic

3. Anisocytic 4. Diacytic Question Number: 6 Question Id: 7877322046 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Trichomes with quadracellular head and sessible stalk are present in **Options:** 1. Digitalis Belladona 3. Hyoscyamus Vasaka Question Number: 7 Question Id: 7877322047 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Crystal fibres are not present in **Options:**

Licorice



In the microscopical study, which shows stonecells and crystal fibres



Time: 0
Carminic acid belongs to
Options :
1. * Flavonoid glycoside
2. ** Cardiac glycoside
3. * Phenolic glycoside
4. Anthraquinone-c-glycoside
Question Number: 12 Question Id: 7877322052 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Geraniol is absent in the volatile oil of
Options :
1. ✓ Dill
2. ** Rose
2. * Rose 3. * Geranium 4. *

Question Number: 13 Question Id: 7877322053 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Micropropogation of the plants is carried out through **Options:** Cross fertilization 2. Seed germination 3. Plant tissue culture Grafting 4. 💌 Question Number: 14 Question Id: 7877322054 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Leaves of digitalis purpurea gives positive test for **Options:** Borntrager's test 1. 32 2. Murexide test 3. * Legal test

4. * Thalleoquin test

Question Number : 15 Question Id : 7877322055 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Panaxadiol is a constituent of

Options:

- 1. Ginseng
- 2. Singer
- 3. * Ephedra
- 4. * Digitalis

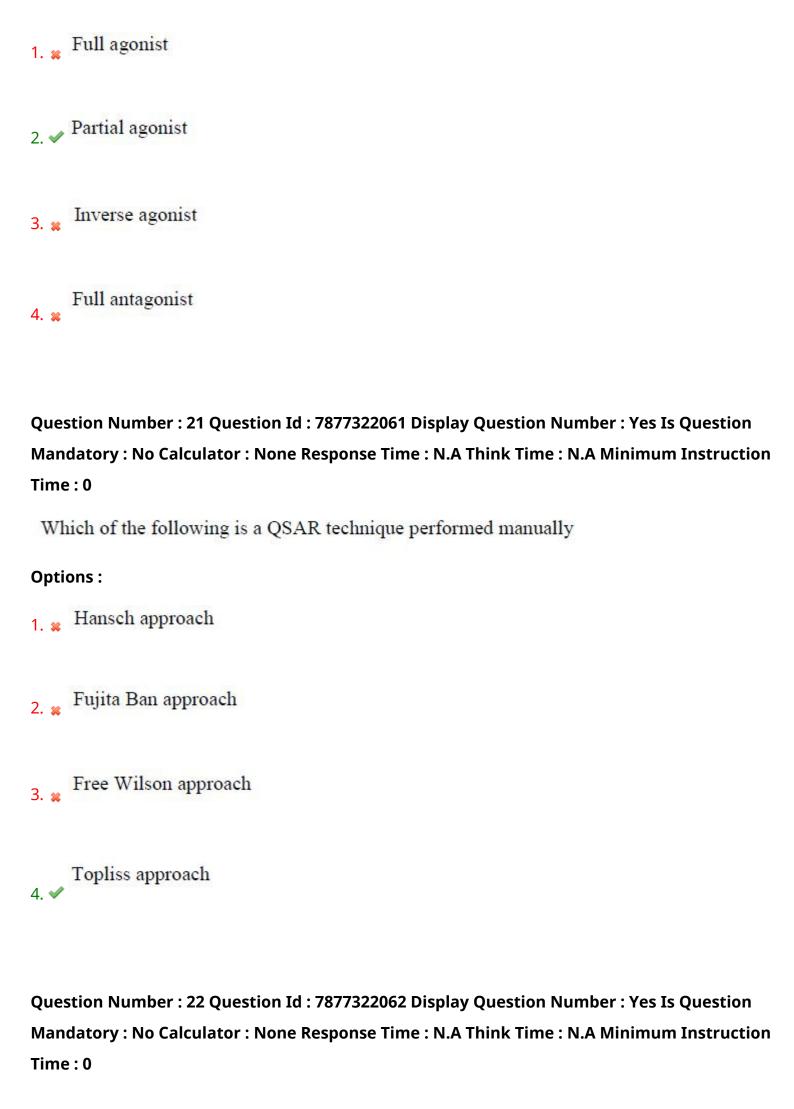
Question Number : 16 Question Id : 7877322056 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

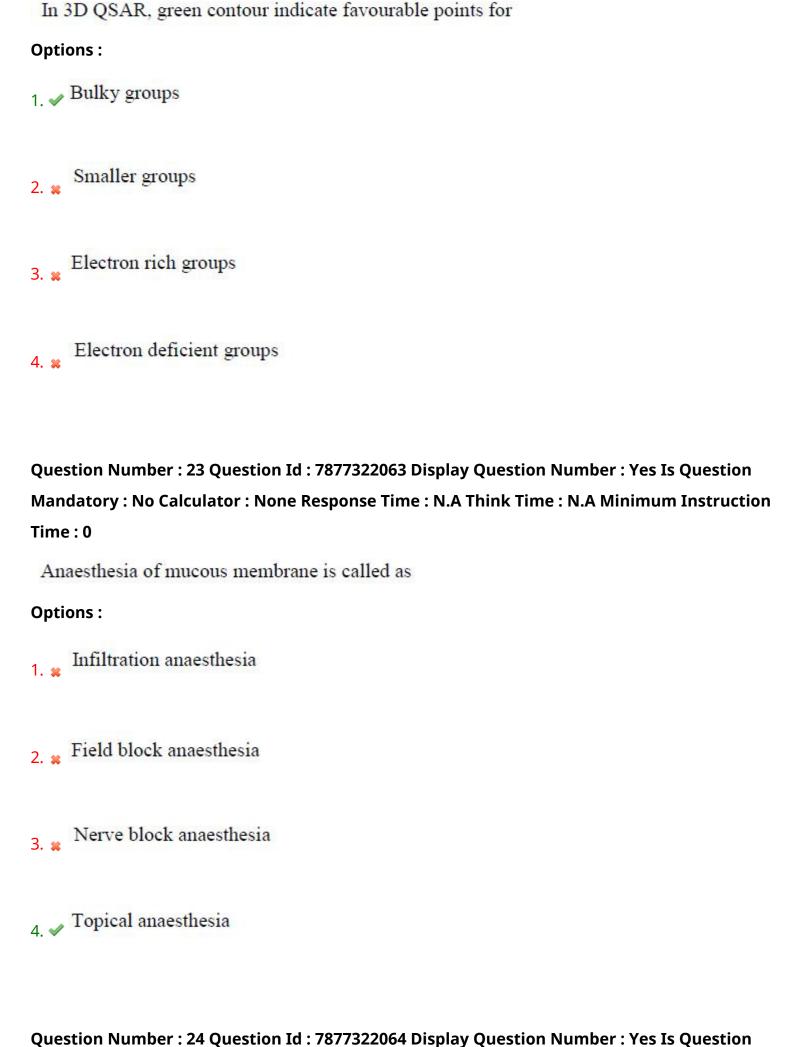
The pungent principle present in Ginger is

- 1. Zingiberol
- 2. zingiberene

→ Gingerol 4. Zingerone Question Number: 17 Question Id: 7877322057 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 The efficacy of the candidate drug in human beings are studied in Options: 1. Phase I 2. Phase II 3. Phase III 4. * Phase IV Question Number: 18 Question Id: 7877322058 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 The drug identified by metabolite based study is **Options:** 1. J Isoniazid 2. Warfarin

3. ** Meperidine
4. * Insulin
Question Number : 19 Question Id : 7877322059 Display Question Number : Yes Is Question
${\bf Mandatory: No\ Calculator: None\ Response\ Time: N.A\ Think\ Time: N.A\ Minimum\ Instruction}$
Time: 0
Which theory assumes that the substrate plays a role in determining the final shape of the enzyme?
Options :
1. * Rate theory
2. * Occupancy theory
Induced fit theory 3. ✓
Activation-aggravation theory 4. **
Question Number : 20 Question Id : 7877322060 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Which of the following can be a good therapeutic agent when the safe dose range can be greatly extended





Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time: 0
Which one of the following belongs to long-acting barbiturate?
Options:
1. * Pentobarbital
2. * Thiopental
3. Phenobarbital
4. ** Hexabarbital
Question Number : 25 Question Id : 7877322065 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Which one is the drug of choice for grandma epilepsy
Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Which one is the drug of choice for grandma epilepsy Options:
Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Which one is the drug of choice for grandma epilepsy Options: 1. ** Diazepam

Question Number : 26 Question Id : 7877322066 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The drug used orally to treat psychotic disorders with no extra-pyramidal side-effect is

Options:

- 1. * Haloperidol
- 2. * Prochlorperazine
- 3. ✓ Quetiapine
- 4. Molindone

Question Number : 27 Question Id : 7877322067 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Curtius rearrangement is employed in the synthesis of

- 1. Pargyline
- 2. Tranylcypromine
- Fluoxetine

4. * Imipramine

Question Number : 28 Question Id : 7877322068 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time: 0

The most potent narcotic antagonist is

Options:

- Naloxone
- 2. Naltrexone
- 3. × Nalorphine
- Pethidine

Question Number : 29 Question Id : 7877322069 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The drug used for the treatment of fibromyalgia is

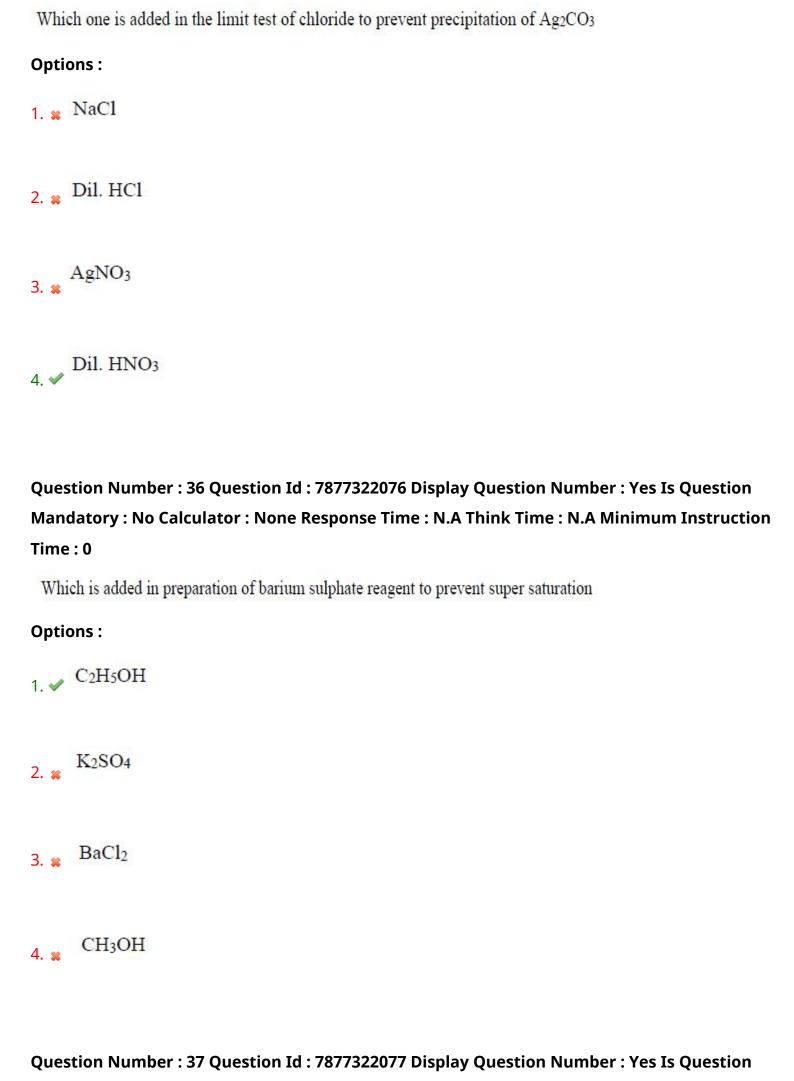
- 1. Benztropine
- 2. Cyclobenzaprine

3. * Tacrine
4. * Donepezil
Question Number : 30 Question Id : 7877322070 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time: 0
Non-sedative anti-histamines include all except
Options :
1. ✓ Cyclizine
2. * Cetrizine
3. * Loratidine
4. * Astemizole
Question Number : 31 Question Id : 7877322071 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time: 0
The drug used for the treatment of Zollinger Ellison syndrome is
Options:
1. * Cetrizine
2. 🗶

Promethazine
3. ✓ Famotidine
4. * Omeprazole
Question Number : 32 Question Id : 7877322072 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time: 0
Which class of diuretics is useful in reducing IOP during acute attacks of glaucoma?
Options:
1. Loop diuretics
2. ** Thiazide diuretics
Potassium sparing diuretics 3. **
4. ✓ Osmotic diuretics
Question Number : 33 Question Id : 7877322073 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time: 0
Simethicone is
Options:

1.

✓ Antacid
2. * Expectorant
3. * Astringent
4. Diuretic
Question Number : 34 Question Id : 7877322074 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Cathartics are the drugs used to
Options:
1. ** Relieve acidity
2. Relieve constipation
3. * Relieve GIT irritation
4. * Relieve cough
Question Number : 35 Question Id : 7877322075 Display Question Number : Yes Is Question
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time: 0



${\bf Mandatory: No\ Calculator: None\ Response\ Time: N.A\ Think\ Time: N.A\ Minimum\ Instruction}$
Time: 0
Molecular formula of arsenic acid is
Options:
1. x H ₃ AsO ₃
2. ★ AsH ₃
3.
4. ★ H ₂ AsO ₃
Question Number : 38 Question Id : 7877322078 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Gutzeit method is mainly used in the following
Options :
1. ✓ Limit test for Arsenic
2. * Limit test for Chloride
3. ** Limit test for Sulphate
4. * Limit test for Iron

Question Number : 39 Question Id : 7877322079 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In the limit test for As, Lead acetate cotton is mainly used

Options:

- To remove traces of H₂S
- 2. To remove H₂ from the medium
- To make the medium alkaline
- To liberate AsH₃

Question Number : 40 Question Id : 7877322080 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Metabolic alkalosis is mainly treated with

- Sodium bicarbonate
- Sodium acetate

Ammonium acetate Ammonium chloride Question Number: 41 Question Id: 7877322081 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 An example for a colloidal system is Options: Clays and gels Ointments and pastes 3 / Solutions of soaps and proteins Suspensions and emulsions 4. **

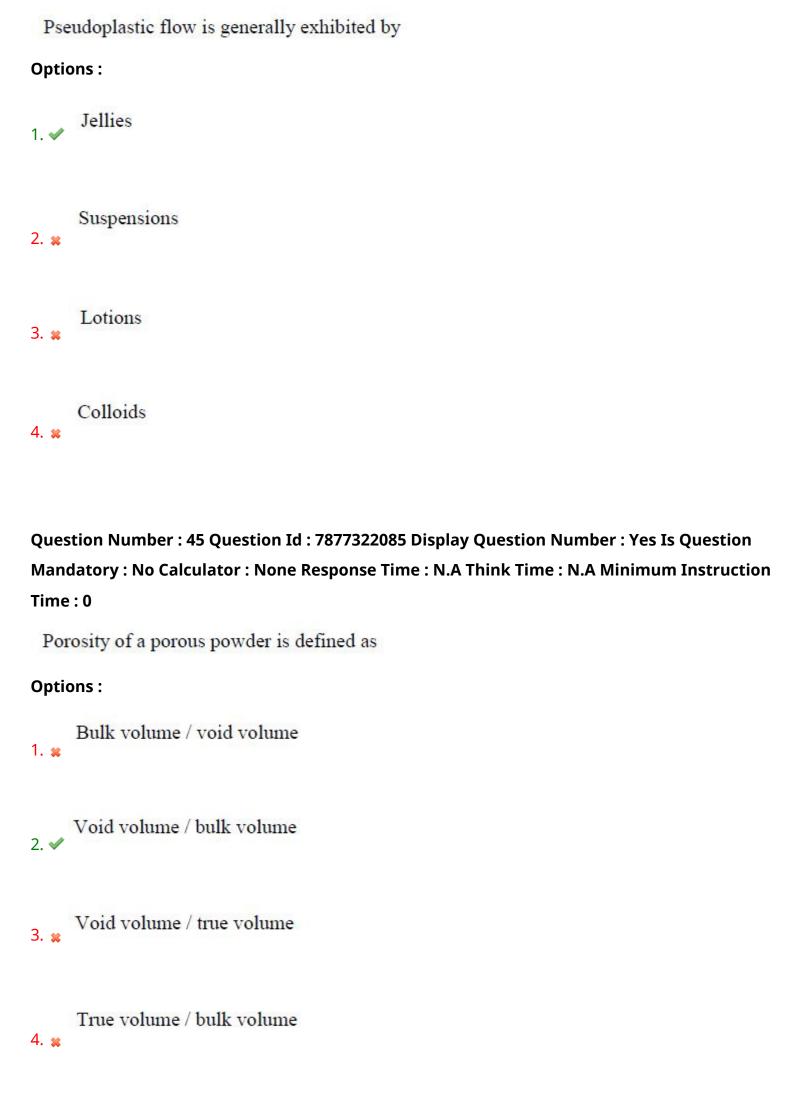
Question Number : 42 Question Id : 7877322082 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The protective ability of colloids is measured as

Options:

Zeta potential

Time: 0



Question Number: 46 Question Id: 7877322086 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Coulter current is mainly used to determine **Options:** 1. Particle volume Particle number Particle size 3. 💥 Porosity Question Number: 47 Question Id: 7877322087 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 The solid state decomposition of aspirin in presence of moisture follows the order **Options:** First Pseudofirst Second

3. **

Zero 4. ✓

Question Number: 48 Question Id: 7877322088 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

The half-life of a first order reaction is 4 years. What is its shelf life (in years)?

Options:

1. * 0.02

2. 💥 0.03

3. 💥 0.17

0.61

Question Number: 49 Question Id: 7877322089 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

What % of an originally administered IV dose of a drug remains in the body following three half-lifes

Options:

1. 🗸 12.5

- 2. **x** 25
 3. **x** 50
- 4. * 75

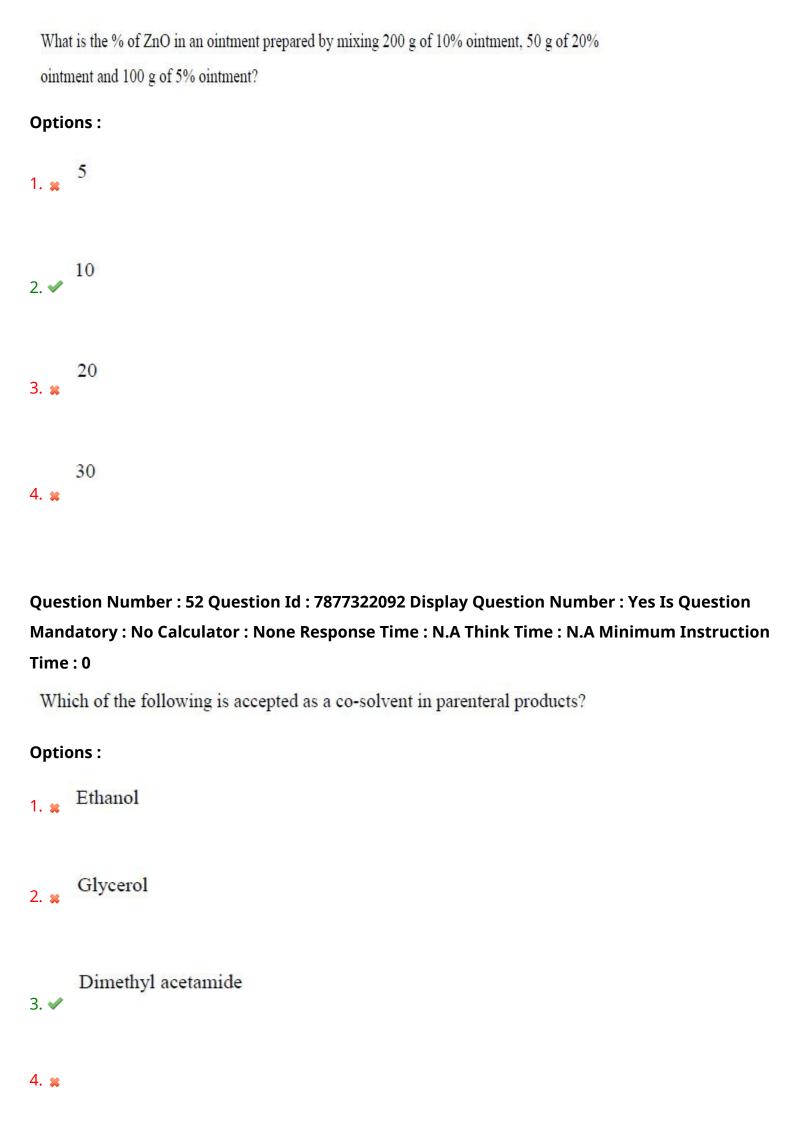
Question Number: 50 Question Id: 7877322090 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

How many grams of dextrose is required to prepare 4000 ml of 5% solution?

Options:

- 1. **≥**
- 2. * 20
- 3. **2**00
- 2000

Question Number : 51 Question Id : 7877322091 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0



Question Number: 53 Question Id: 7877322093 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

Time: 0

Generally, pastes contain

Options:

High % of insoluble solids

Low % of insoluble solids

High % of soluble solids 3. **★**

Low % of soluble solids

Question Number: 54 Question Id: 7877322094 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

In the preparation of cold creams, which type of bases are used generally

Options:

Absorption bases

2. **

X	Ja	ter	ren	nor	rah	10	base	c
· V	va			11()	V (11)		Dase	-

_		Hydrocarbon	bases
2	9.0	A Company of the Comp	

Adsorption bases

Question Number : 55 Question Id : 7877322095 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

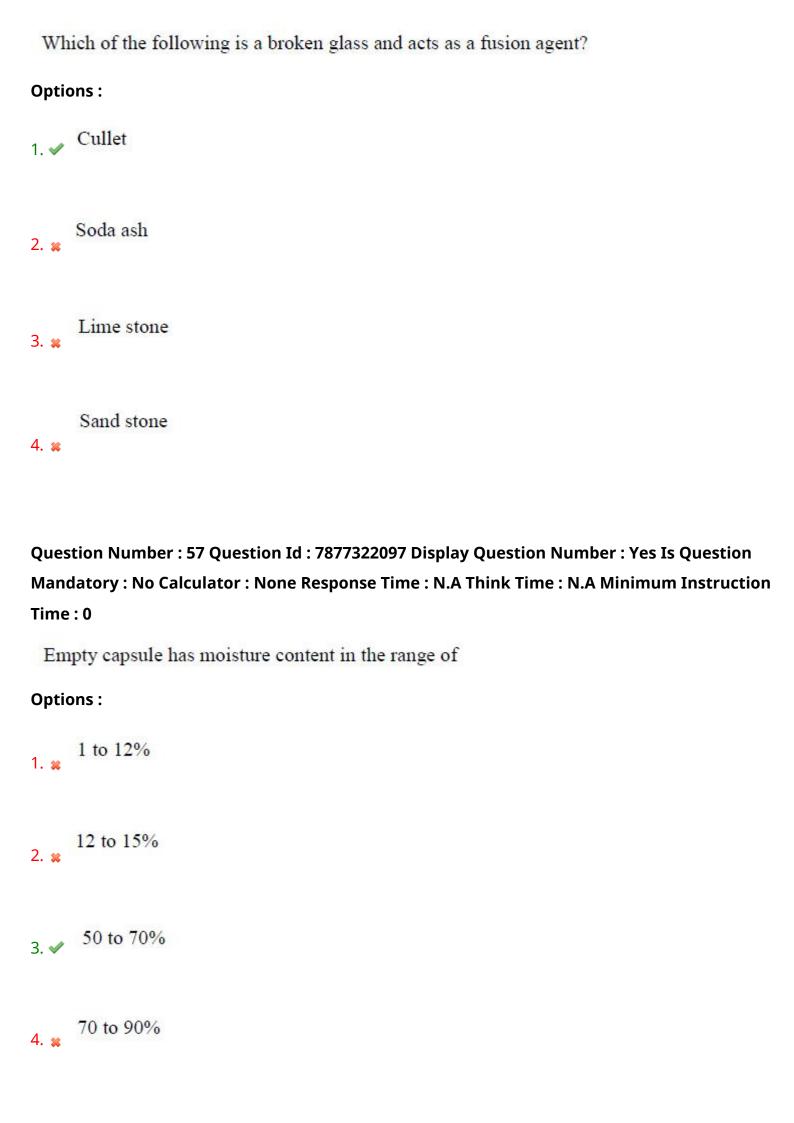
The number of milligrams of KOH required to neutralize the acetic acid used to acetylate 1 gm of fat is known as

Options:

- Iodine value
- Saponification value
- 3. ✓ Hydroxyl value
- 4. * Acid value

Question Number : 56 Question Id : 7877322096 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time: 0



Question Number : 58 Question Id : 7877322098 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Eneteric coated tablet is disintegrated in

Options:

- Mouth
- 2. stomach
- Intestine
- 4. Liver

Question Number : 59 Question Id : 7877322099 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is used as opacifier while tablet manufacture

- 1. **✓** TiO₂
- ZnO
 - Mg₂O₈Si₃

AlCl₃ 4. **×**

Question Number : 60 Question Id : 7877322100 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

pH of human tear is

Options:

Time: 0

7.2

8.2

7.6

8.6 4. *****

Question Number : 61 Question Id : 7877322101 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

High circulating levels of active drug are seen for those drugs which have

Options:

low clearance rate

2. **	high clearance rate
3. 🗱	low molecular weight
4. *	high molecular weight
	ion Number : 62 Question Id : 7877322102 Display Question Number : Yes Is Question atory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instructior 0
Whiel	h of the following is not a mechanism of drug absorption through GIT
Option	ns:
1. 😦	Pore transport
2. 🗱	Active transport
3. 🗶	Endocytosis
4. 🗸 1	Metastasis
Ouesti	ion Number : 63 Question Id : 7877322103 Display Question Number · Yes Is Question
Question Number : 63 Question Id : 7877322103 Display Question Number : Yes Is Question	

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

If any drug administered by IV route appears in faeces, it implies that the drug		
Options:		
Undergoes first pass metabolism 1. **		
Undergoes enterohepatic re-cycling 2. ✓		
is not completely absorbed 3. **		
is not completely metabolized 4. **		
Question Number : 64 Question Id : 7877322104 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0		
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction		
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction		
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0		
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 BCS Class II drugs have		
Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 BCS Class II drugs have Options:		
Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 BCS Class II drugs have Options: high solubility / high permeability low solubility / high permeability		

Time: 0

low solubility / low permeability

Question Number : 65 Question Id : 7877322105 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In which region of body, we can observe endocytosis mechanism of drug absorption

Options:

Stomach

1. 💥

Large intestine

Small intestine

4. A Rectum

Question Number : 66 Question Id : 7877322106 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Transit time for contents at colon is

Options:

1 to 3 hours

3 to 6 hours

2. 💥

6 to 12 hours
3.

✓

12 to 18 hours
4.

**

Question Number: 67 Question Id: 7877322107 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

What is the influence of food on absorption of diazepam

Options:

Delayed

Decreased

Increased

Unaffected
4. *

Question Number : 68 Question Id : 7877322108 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Everted sac technique is mainly used for the study of

Options:		
1. 🕦	In vitro drug uptake	
2. 🗸	In situ drug uptake	
3. 💥	In vivo drug uptake	
4. 🗶	In silico drug uptake	
Question Number : 69 Question Id : 7877322109 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0		
A d	rug that reverses plasma-protein binding is often referred as	
Options:		
1. 🗸	Displacer	
2. 🗶	Solvate	
3. 💥	Carrier substance	
4. 💥	Protein hydrolysate	

Question Number: 70 Question Id: 7877322110 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 In non-compartmental analysis, Mean residence time is equal to **Options:** The area under the first moment curve/area under the zero moment curve 1. 🗸 The area under the zero moment's curve/area under the first moment curve 2. 💥 1/Area under the first-moment curve 3. 🕊 1/Area under the zero moment curve 4. 🐭 Question Number: 71 Question Id: 7877322111 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 To avoid bioavailability issues, the drug must have a minimum aqueous solubility of Options: 150% 10% 2. 🗶 100%

3. 💥

4. 🗸 1%

Question Number : 72 Question Id : 7877322112 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the mechanism of drug excretion in milk of mammary gland

Options:

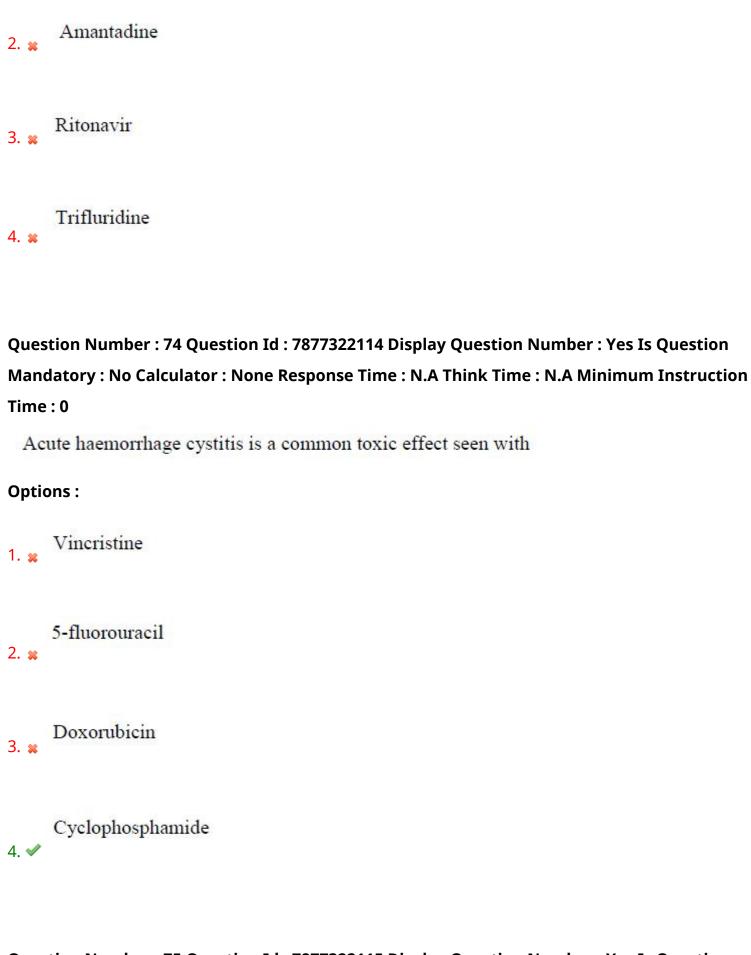
- Passive process
- Active process
- Passive re-absorption
 3. **
- Glomerular secretion
 4. *

Question Number: 73 Question Id: 7877322113 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

Which of the following is useful topically for genital herpes infections

Options:

1. ✓ Acyclovir



Question Number : 75 Question Id : 7877322115 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The antidote of morphine overdose is Options: N-acetyl cysteine Naloxone 2. ✓ Atropine sulphate 3. 💥 Esmolol Question Number: 76 Question Id: 7877322116 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Which is a first generation cephalosporin Options: 1. x Cefuroxime Ceftazidime 3. ✓ Cefadroxil Ceftrioxone

Question Number: 77 Question Id: 7877322117 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

Indicate the expectorant with reflex mechanism

Options:

Sodium benzoate

Derivatives of Ipecacucnha 2.

3. Trypsin

Ambroxol

Question Number : 78 Question Id : 7877322118 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

All the drugs intensify GI motility, except

Options:

Papaverine

Metaclopramide

2. 🛚

Domperidone 3. 💥 Cisapride Question Number: 79 Question Id: 7877322119 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Which of the following is an inhibitor of platelet GP IIb/IIIa receptors **Options:** Aspirin Clopidogrel Ticlopidine 3. 💥 Abciximab 4. ✔ Question Number: 80 Question Id: 7877322120 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

All the following are used in the treatment of severe congestive heart failure, except

Options:

Time: 0

```
1. ✓ Verapamil
     Digoxin
     Dobutamine
3. 🕊
     Dopamine
Question Number: 81 Question Id: 7877322121 Display Question Number: Yes Is Question
Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction
Time: 0
 Duration of nitroglycerine action via sublingual route is
Options:
1. 10 to 30 Min
    30 to 60 Min
     60 to 120 Min
3. 💥
    120 to 180 Min
```

Question Number : 82 Question Id : 7877322122 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time	:0	
Wł	nich is a potassium channel activator?	
Options :		
1. 😹	Nifedipine	
2. 🗶	Saralasin	
3. 🗸	Diazoxide	
4. 🗱	Losartan	
Question Number : 83 Question Id : 7877322123 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0		
Sel	ect an endocrine drug which is peptide derivative	
Optio	ons :	
1. 🗸	Oxytocin	
2. 💥	Prednisolone	
3. 💥	Nandrolone	
	Progesterone	

Question Number : 84 Question Id : 7877322124 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Currently used alpha glucosidase inhibitors include the following, except

Options:

- Pioglitazone
- Acarbose
- Miglitol
- Glimepiride

Question Number: 85 Question Id: 7877322125 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

Which H1 antagonist is noted for the ulcerogenic effect

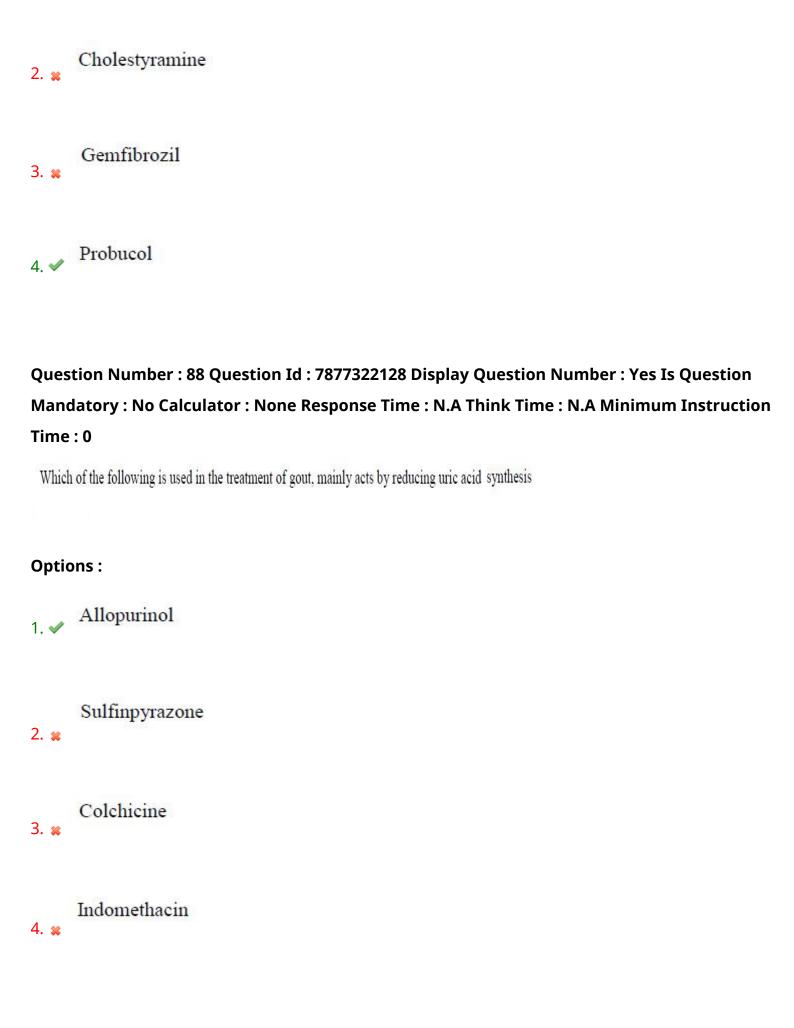
Options:

- 1. ✓ Diazoline
- Loratidine

```
3. 💥
     Dimedrol
Question Number: 86 Question Id: 7877322126 Display Question Number: Yes Is Question
Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction
Time: 0
 Sirolimus belongs to the category of
Options:
     Immunomodulator
1. 32
     Interferon
2. 🗶
    Immunosuppressant
     Monoclonal antibodies
4. 💥
Question Number: 87 Question Id: 7877322127 Display Question Number: Yes Is Question
Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction
Time: 0
 Which drug decreases the blood levels of HDL
Options:
```

Suprastine

Lovastatin



Question Number: 89 Question Id: 7877322129 Display Question Number: Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction		
Time: 0		
Ototoxicity is a unique side effect of		
Options:		
1. ✓ Loop diuretics		
Thiazide diuretics 2. **		
Potassium sparing diuretics 3. **		
Osmotic diuretics 4. **		
Question Number : 90 Question Id : 7877322130 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0		
Hypokalemia is a commonly reported ADR of drugs belongs to		
Options:		
Antihypertensives 1. **		
Antidiabetics 2. **		
Diuretics 3. ✓		

Antidiuretics

4. 💥

Question Number: 91 Question Id: 7877322131 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

Pharmacodynamic drug interactions includes

Options:

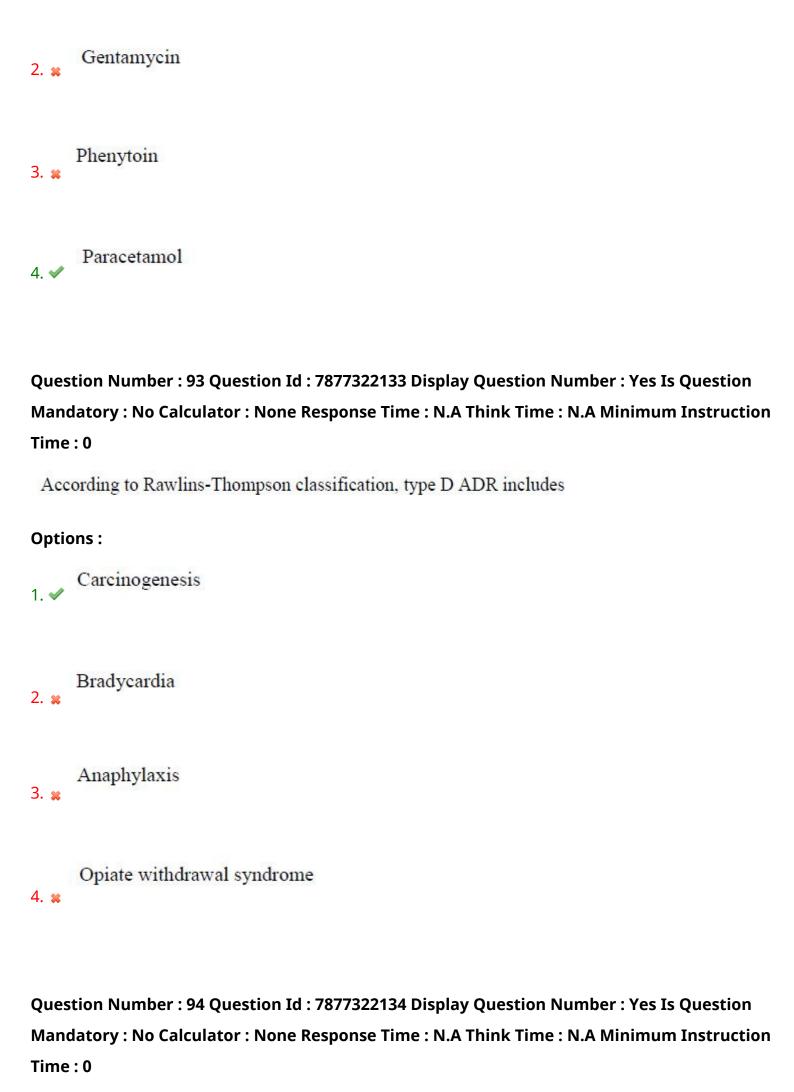
- Changes in gastrointestinal pH
- Induction of drug transport proteins
- Inhibition of drug transport proteins 3. **★**
- Additive / Synergistic interactions

Question Number : 92 Question Id : 7877322132 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

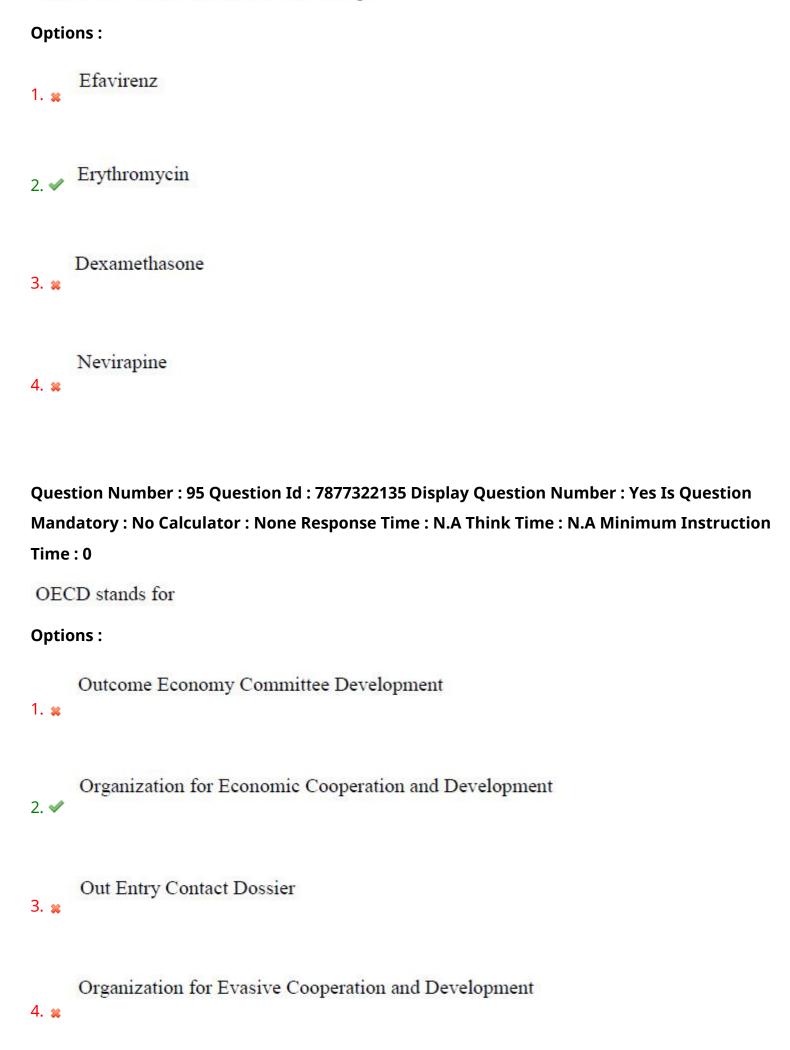
Which of the following drug does not require TDM

Options:

Digitoxin



All are selected CYP3A4 inducer except



Question Number : 96 Question Id : 7877322136 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Total cost associated with a programme where both costs and consequences are measured in monetary terms is called as

Options:

- Cost effectiveness analysis
- Cost benefit analysis 2. ✓
- Cost utility analysis
 3. **
- Cost audit analysis
 4. *

Question Number: 97 Question Id: 7877322137 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

The result of the arithmetical operation 21.1 X 0.029 X 83.2 expressed to the correct number of significant figures is

Options:

50.91008

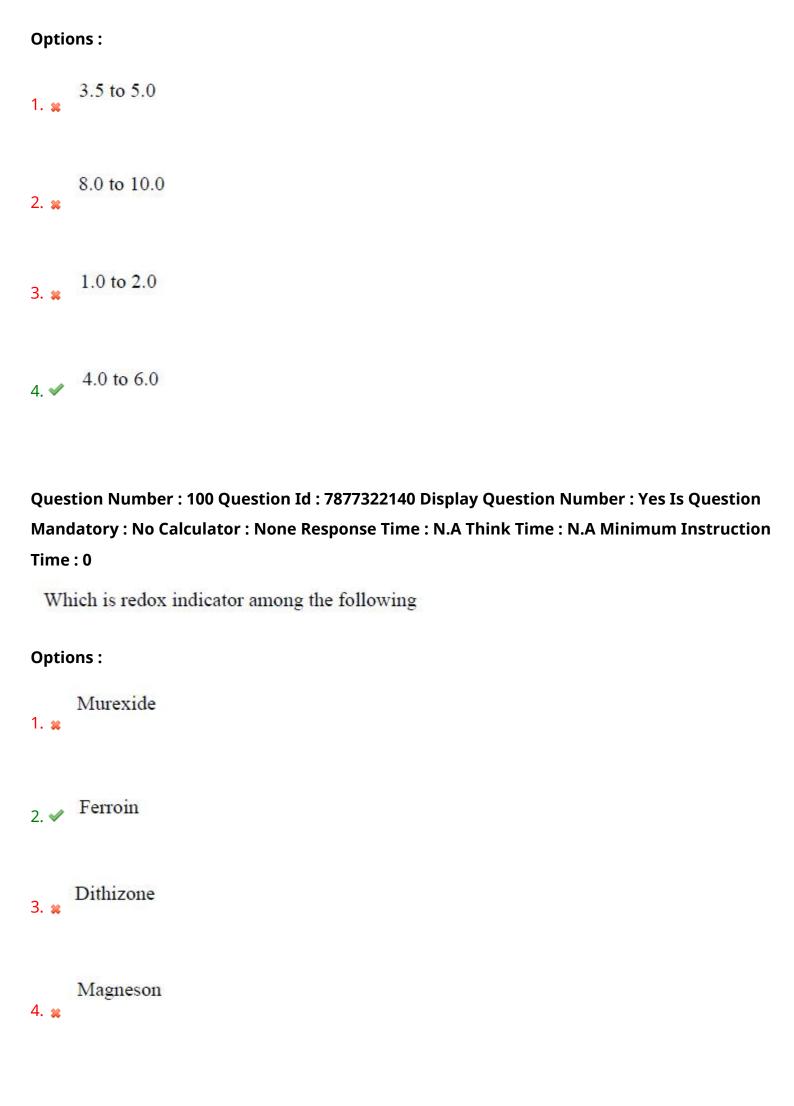
*	
3. 🗶	50.910
4. 🗸	51
Manda Time :	
The ra	tio of the absolute error of the measurement to the actual measurement is called as
Option	ns:
1. 😦	Absolute error
2. 🗸	Relative error
3. 💥	Systemic error
4. 🔉	Determinate error
Questi	ion Number : 99 Question Id : 7877322139 Display Question Number : Yes Is Question

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

The indicator methyl red works in the pH range of

Time: 0

50.91



Question Number: 101 Question Id: 7877322141 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Titrant for titration of weakly acidic substances using non-aqueous titration method is Options: 1. ✓ Sodium methoxide p-Toluene sulphonic acid 2. 🗶 Perchloric acid Fluorosulphonic acid 4. ** Question Number: 102 Question Id: 7877322142 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 In which method, nitrobenzene is used in order to prevent interaction of AgCl with ferric thiocyanate **Options:** Fajan's method Mohr's method 2. 💥 Volhard's method

Modified volhard's method

Question Number: 103 Question Id: 7877322143 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

The technique in which the quantity of electrical charge required to convert an analyte quantitatively to a different oxidation state is known as

Options:

- Potentiometry 1. 😠
- Polarography
- Coulometry
- Conductometry

4. **

Question Number: 104 Question Id: 7877322144 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

During electrolysis, the potential of the working electrode is observed by which electrode

Options:

Working electrode

Reference electrode Auxiliary electrode Counter electrode 4. * Question Number: 105 Question Id: 7877322145 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 In the EMR, the frequency range $3x10^{16}$ to $3x10^{18}$ Hz corresponds to **Options:** Visible radiation IR radiation UV radiation X-ray radiation 4. ✔

Question Number: 106 Question Id: 7877322146 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

Time: 0

Convert 0.113 absorbance value into % transmittance

Options:

1. 🗸 77

7.7

0.77

3. 💥

4. * 1.70

Question Number: 107 Question Id: 7877322147 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

Convert 12.3% transmittance to absorbance

Options:

1. 🗝 9.10

2. 🗸 0.91

3. * 91.0

4. 💥

Question Number: 108 Question Id: 7877322148 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

The absorption of IR radiation is accomplished by transitions involving

Options:

- Electronic levels
- 2. Vibrational levels
- Nuclear spin levels
 3. **
 - Electron spin levels

4. 💥

Question Number: 109 Question Id: 7877322149 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

The hottest part of the flame is

Options:

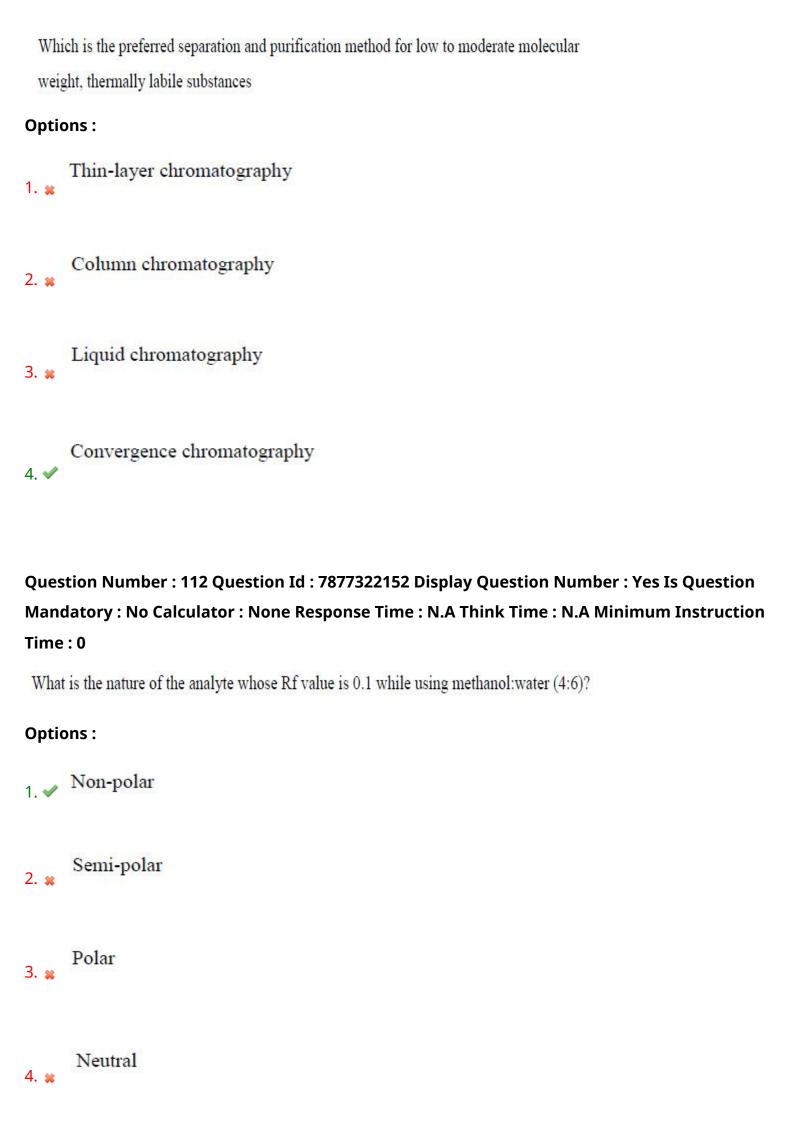
Outer cone

2.

```
Interconal zone
     Inner cone
3. **
     Middle cone
Question Number: 110 Question Id: 7877322150 Display Question Number: Yes Is Question
Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction
Time: 0
 Which of the following gives much greater radiation intensity
Options:
     Hollow cathode lamp
1. 32
     Electrodeless discharge lamp
     Deuterium lamp
3. 🗶
     Xenon lamp
Question Number: 111 Question Id: 7877322151 Display Question Number: Yes Is Question
```

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

Time: 0



Question Number: 113 Question Id: 7877322153 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

Any drug if it claims to be the product of a manufacturer or company of whom it is not truly a product is called as

Options:

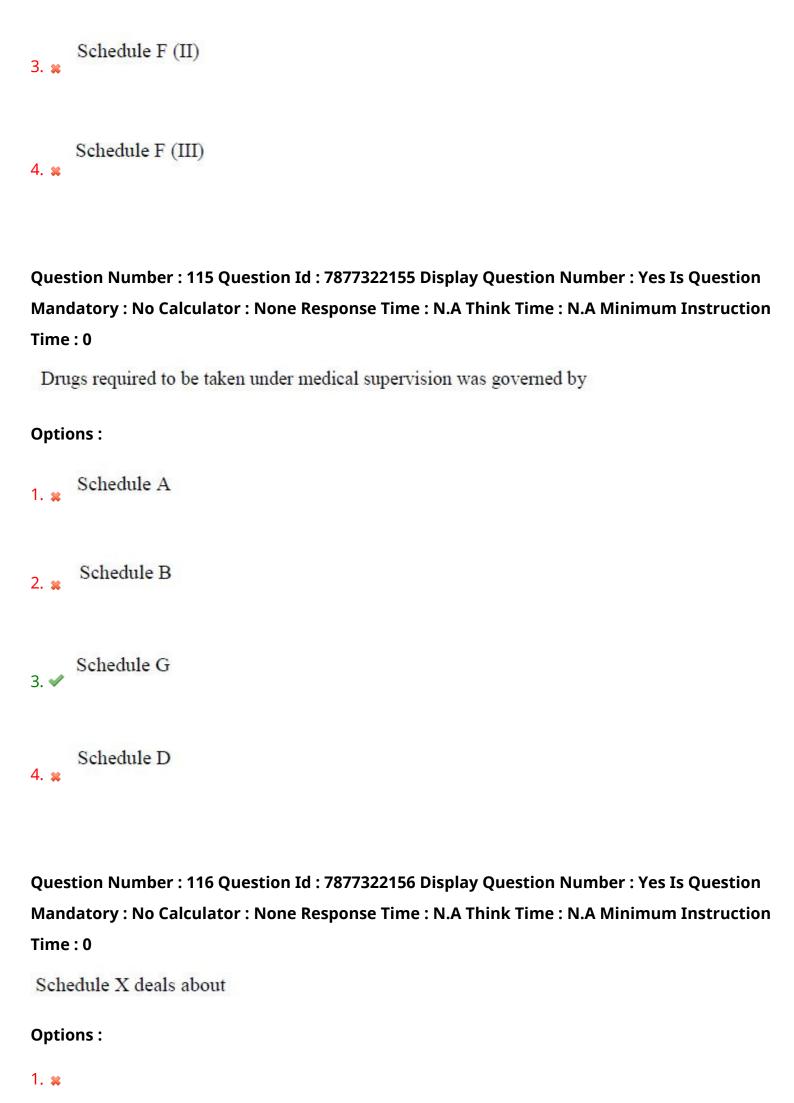
- 1. * Adulterated drug
- Misbranded drug
- Sub-standard drug
- 4. ✓ Spurious drug

Question Number: 114 Question Id: 7877322154 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

Bacterial vaccines, viral vaccines, antisera and diagnostic antigens were governed by

Options:

- Schedule F
- Schedule F (I)



Stan	dards for patent or proprietary medicines
2. 🗸	Psychotropic substances
3. 💥	Standards for cosmetics
4. 🕊	Standards for medical devices
Mand	tion Number : 117 Question Id : 7877322157 Display Question Number : Yes Is Question atory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time	: 0
Forn	n-44 is mainly used for
Optio	ns:
1. 🗸	Permission to import a new drug or to undertake clinical trial
2. 💥	Permission to import finished formulation of a new drug
3. 🗶	Permission to import raw material
	Permission to import finished cosmetics

4. 💥

Question Number: 118 Question Id: 7877322158 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

NRx in red ink on left top corner of label is mainly used for

Options:

- Schedule H drug
- Schedule G drug
- Schedule X drug
- Schedule C drug

Question Number: 119 Question Id: 7877322159 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

The maximum limit of MAPE for indigenously manufactured scheduled formulation is

Options:

- 1. 🗶 50%
- 2. 🗸 100%
- 150%

200%

Question Number: 120 Question Id: 7877322160 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

If MRP is 95, retailer margin is 20%, GST 5%. Calculate price to retailer

Options:

1. 72.38

2. * 65.14

78.28

56.41

4. *