

2. proline
3. leucine
4. glycine

**Question Number : 38 Question Id : 630680161906 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Wrong Marks : 0.25**

In 1885, which of the following pharmacopoeias was made official in India?

Options :

1. Indian pharmacopoeia
2. European pharmacopoeia
3. United States pharmacopoeia
4. British pharmacopoeia

**Question Number : 39 Question Id : 630680161907 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Wrong Marks : 0.25**

The number of newly added monographs in Indian pharmacopoeia 2012 is

Options :

1. 92
2. 74
3. 63
4. 103

**Question Number : 40 Question Id : 630680161908 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Wrong Marks : 0.25**

The latest Martindale edition is the _____ edition.

Options :

1. 29th
2. 40th
3. 42nd
4. 33rd

**Question Number : 41 Question Id : 630680161909 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Wrong Marks : 0.25**

The standard for Insulin was introduced in the USP in the year:

Options :

1. 1937
2. 1938
3. 1941
4. 1949

Question Number : 42 Question Id : 630680161910 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which of the following drugs acts as ulcer protective agent?

Options :

1. Sodium citrate
2. Ambroxol
3. Sucralfate
4. Cimetidine

Question Number : 43 Question Id : 630680161911 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Phenformin was withdrawn worldwide owing to high risk of:

Options :

1. lactic acidosis
2. lactic alkalosis
3. keto acidosis
4. keto alkalosis

Question Number : 44 Question Id : 630680161912 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which drug is an HIV protease inhibitor?

Options :

1. Delavirdine
2. Acyclovir
3. Nevirapine
4. Lopinavir

Question Number : 45 Question Id : 63068086556 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

_____ is an extra pharmacopeia.

Options :

1. BP
2. BPC
3. IP
4. Martindale

Question Number : 46 Question Id : 63068086567 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

What is the source of the Cargile membrane suture?

Options :

1. Sheep
2. Ox
3. Silkworm
4. Horse

Question Number : 47 Question Id : 630680134569 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Wrong Marks : 0.25

Which of the following is a vesicular drug delivery system?

Options :

1. Implant
2. Liposomes
3. Iontophoresis
4. Collodion

Question Number : 48 Question Id : 630680144682 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Wrong Marks : 0.25

Which of the following methods is NOT used for sterilizing sutures?

Options :

1. Use of ethylene oxide
2. Irradiation process
3. Autoclaving
4. Washing with soap solution

Question Number : 49 Question Id : 630680144683 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Wrong Marks : 0.25

Which of the following is NOT considered as an advantage of granulation in tablet manufacturing?

Options :

1. Enhancement of flow properties
2. Decrease in dust formation
3. Enhancement of compaction
4. Enhancement of dissolution

Question Number : 50 Question Id : 630680144688 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Wrong Marks : 0.25

All of the following are examples of non-absorbable sutures, EXCEPT:

Options :

1. nylon
2. silk
3. catgut

**Question Number : 51 Question Id : 63068088382 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Wrong Marks : 0.25**

In a prescription, Rx is an abbreviation of the Latin word 'Recipe', meaning _____.

Options :

1. to take
2. to provide
3. to receive
4. to observe

**Question Number : 52 Question Id : 63068088383 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Wrong Marks : 0.25**

The meaning and full form of 'ad. Lib' are ____ and _____, respectively.

Options :

1. the remainder; Ad. libitum
2. the half; Ad. libitum
3. as much as you please; Ad. libitum
4. as often as necessary; Ad. libitum

**Question Number : 53 Question Id : 63068088386 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Wrong Marks : 0.25**

The age of a child is 10 years. The adult dose of a particular drug is 500 mg. What will be an appropriate dose of the same drug for the child?

Options :

1. 227 mg as per Young's rule
2. 250 mg as per Young's rule
3. 227 mg as per Dilling's rule
4. 275 mg as per Catzel's rule

**Question Number : 54 Question Id : 63068088387 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Wrong Marks : 0.25**

A liquid dosage form of paracetamol contains 240 mg/5 mL of paracetamol. The usual paediatric dose is 15 mg/Kg of body weight. How much liquid should be given as a dose to an 8-year-old child having 25 kg of body weight?

Options :

1. 4.16 mL
2. 7.81 mL
3. 15.63 mL
4. 10.0 mL

Question Number : 55 Question Id : 63068088389 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.25

When procaine and adrenaline are given in a combinational form, the duration of action of procaine is increased. This phenomenon is known as:

Options :

1. additive effect
2. synergism
3. idiosyncrasy
4. tachyphylaxis

Question Number : 56 Question Id : 63068088409 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.25

Methyl paraben or propyl paraben may be used in the preparation of ointment as:

Options :

1. a preservative
2. an emulsifier
3. a humectant
4. a chelating agent

Question Number : 57 Question Id : 63068088414 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.25

Carbohydrate is given as a source of carbon in a culture medium. Which gas will evolve during the growth of bacteria in that medium?

Options :

1. CO₂
2. SO₂
3. H₂
4. N₂

Question Number : 58 Question Id : 63068088415 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.25

If bacteria are present in a hypotonic medium, what will happen to the bacterial cells?

Options :

1. Swelling and bursting
2. Shrinkage and collapsing
3. Swelling and collapsing
4. Shrinkage and bursting

Question Number : 59 Question Id : 63068088463 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which of the following mediums is used for detection of both aerobes and anaerobes?

Options :

1. Peptone broth
2. Cooked meat medium
3. Liver broth
4. Fluid thioglycollate medium

Question Number : 60 Question Id : 63068089003 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

The _____ contains specific directions for the pharmacist on how to compound the medication.

Options :

1. superscription
2. inscription
3. subscription
4. signature

Question Number : 61 Question Id : 63068089004 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

What does the Latin term 'Dolore Urgente' signify in a prescription?

Options :

1. To be taken when the pain is severe
2. To be taken immediately
3. To be taken when the cough is severe
4. To be taken frequently

Question Number : 62 Question Id : 63068089005 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

A prescription contains 'Oculent. Ciprofloxacin 0.3% b.i.d.' As a pharmacist, how you will give instructions to the patient regarding its use?

Options :

1. Twice a day, apply on wound
2. Twice a day, apply on the eyes
3. Before dinner, apply on wound
4. Before dinner, apply on the eyes

Question Number : 63 Question Id : 63068089082 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Fluid thioglycolate media is used for the detection of:

Options :

1. aerobes
2. anaerobes
3. aerobes and anaerobes
4. aerobic bacteria and lower fungi

Question Number : 64 Question Id : 63068089084 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

What is the dose for a 50 lb child if the average adult dose is 20 mg?

Options :

1. 6.2
2. 6.6
3. 6.9
4. 6.1

Question Number : 65 Question Id : 63068075536 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which of the following is NOT an 'inodilator'?

Options :

1. Levosimendan
2. Inamrinone
3. Milrinone
4. Tolvaptan

Question Number : 66 Question Id : 63068075544 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which of the following is a sod-glucose cotransport-2 (SGLT-2) inhibitor?

Options :

1. Sitagliptin
2. Voglibose
3. Pioglitazone
4. Dapagliflozin

Question Number : 67 Question Id : 63068089539 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which of the following effect is produced by Saroglitazar ?

Options :

1. Decrease the glucose as well as lipid in plasma
2. Lowering the LDL-CH in plasma
3. Lowering the LDL in plasma
4. Increasing the HDL in plasma

Question Number : 68 Question Id : 63068092027 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Ivermectin exerts its anthelmintic action through:

Options :

1. activation of glycine gated Cl^- channel
2. activation of glutamate gated Cl^- channel
3. activation of nicotinic cholinergic receptors
4. leakage of intracellular Ca^{+2}

Question Number : 69 Question Id : 63068092039 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which enzyme catalyses the bioactivation of nitroglycerin into NO?

Options :

1. Tyrosine kinase
2. Aldehyde dehydrogenase2
3. Glycerol kinase
4. Glycerol dehydrogenase

Question Number : 70 Question Id : 63068092040 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which antihypertensive drug is a direct renin inhibitor?

Options :

1. Moexipril
2. Moxonidine
3. Aliskiren
4. Phenoxybenzamine

Question Number : 71 Question Id : 63068092052 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Adverse side effects of Selective Serotonin Reuptake Inhibitors like insomnia, increased anxiety, irritability, and decreased libido are due to:

Options :

1. excessive stimulation of brain 5HT_{1B} receptors
2. excessive stimulation of brain 5HT₂ receptors
3. excessive stimulation of brain 5HT₃ receptors
4. excessive stimulation of brain 5HT₄ receptors

Question Number : 72 Question Id : 63068092062 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which of the following oral hypoglycaemics does NOT enhance insulin release?

Options :

1. Glipizide
2. Repaglinide
3. Pramlintide
4. Sitagliptin

Question Number : 73 Question Id : 63068092063 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Dapagliflozin causes hypoglycaemia by:

Options :

1. increased glucose uptake in cells
2. inhibiting gluconeogenesis in liver and kidney
3. increasing glucose excretion in urine
4. sensitizing insulin receptors

Question Number : 74 Question Id : 63068092086 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which of the following is used as an antidote for Organophosphorus and carbamate pesticides poisoning?

Options :

1. Vesamicol
2. Neostigmine
3. Atropine sulfate
4. Hemicholinium

Question Number : 75 Question Id : 63068092087 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Teratogenicity refers to:

Options :

1. ability to cause defects in the eyes
2. ability to cause defects in the ears

3. ability to cause defects in the bones
4. ability to cause defects in the foetus

**Question Number : 76 Question Id : 63068092089 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Wrong Marks : 0.25**

Which of the following is true with regard to Ames test?

Options :

1. It uses rabbits to assess nephrotoxicity of chemicals.
2. It uses bacteria to assess genotoxicity of chemicals.
3. It uses albino rats to assess hepatotoxicity of chemicals.
4. It uses guinea pig to assess teratogenicity of chemicals.

**Question Number : 77 Question Id : 63068092090 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Wrong Marks : 0.25**

Pre-administration of which drug reduces severity of adverse effects of dimercaprol injection?

Options :

1. Antihistaminic
2. Adrenergic beta antagonist
3. Cholinergic nicotinic antagonist
4. Urinary acidifying agents

**Question Number : 78 Question Id : 63068092453 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Wrong Marks : 0.25**

Which of the following statements is true regarding amino glycoside antibiotics?

Options :

1. Amino glycoside antibiotics are bacteriostatic in nature.
2. Amino glycoside antibiotics are more active in alkaline medium.
3. Anaerobic bacteria are more sensitive to amino glycoside antibiotics.
4. Amino glycoside antibiotics interfere with cell division of bacteria.

**Question Number : 79 Question Id : 63068092461 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Wrong Marks : 0.25**

Which of the following statements is NOT true regarding Gemfibrozil?

Options :

1. It is an agonist at PPAR α nuclear receptors.
2. It markedly reduces circulating VLDL and triglyceride.
3. It decreases the synthesis of lipoprotein lipase.
4. With statins, it increases the chances of myopathy.

Question Number : 80 Question Id : 63068092462 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which of the following is a correct match of drug and its mechanism of action in the management of congestive heart failure?

Options :

1. Hydralazine – Preload reduction
2. Torasemide – Afterload reduction
3. Levosimendan – Positive inotropic effect
4. Dobutamine – Reduced heart rate

Question Number : 81 Question Id : 63068075304 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which of the following agents is NOT a teratogen?

Options :

1. Thalidomide
2. Tetracycline
3. Streptomycin
4. Amphotericin B

Question Number : 82 Question Id : 63068075314 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which of the following is NOT an inducer of drug-metabolising enzyme?

Options :

1. St. John's wort
2. Cigarette smoking
3. Chronic alcohol use
4. Grapefruit juice

Question Number : 83 Question Id : 63068080323 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which of the following terms denotes the average duration in days between placing of an order and receipt of material?

Options :

1. Reorder time
2. Lead time
3. Lag time
4. Supply time

Question Number : 84 Question Id : 63068080337 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

In ADR, unusual and unexpected drug effects are known as:

Options :

1. excessive pharmacological effects
2. secondary pharmacological effects
3. idiosyncrasy
4. allergic drug reactions

**Question Number : 85 Question Id : 63068080339 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Wrong Marks : 0.25

The TDM refers to:

Options :

1. Therapeutic Dose Management
2. Therapeutic Dose Monitoring
3. Therapeutic Drug Monitoring
4. Treatment Drug Monitoring

**Question Number : 86 Question Id : 63068080341 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Wrong Marks : 0.25

Which of the following is used to improve medication adherence in patients with tuberculosis?

Options :

1. Directly Observed Therapy
2. Regular monitoring of the patient
3. Simplification of the regimen
4. Clinical treatment

**Question Number : 87 Question Id : 63068080345 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Wrong Marks : 0.25

The first step of patient counselling after meeting the patient is:

Options :

1. to evaluate the patient's knowledge of medicines
2. introduction
3. to discuss the information required by the patient
4. to tell about medicines and their importance

**Question Number : 88 Question Id : 63068089596 Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Wrong Marks : 0.25

_____ is the space required for a hospital pharmacy in a 200-bedded hospital.

Options :

1. 1200 sq.ft
2. 630 sq.ft

3. 205 sq.ft

4. 420 sq.ft

Question Number : 89 Question Id : 63068089600 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.25

In ABC analyses, the A items are:

Options :

1. 10%–20% of items and 70%–80% of the expenditures
2. 1%–2% of items and 70%–80% of the expenditures
3. 10%–20% of items and 90%–95% of the expenditures
4. 1%–2% of items and 90%–95% of the expenditures

Question Number : 90 Question Id : 63068089601 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.25

_____ is an important inventory control technique that is useful in determining how much to order.

Options :

1. ABC
2. VED
3. VEN
4. EOQ

Question Number : 91 Question Id : 63068090509 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.25

Which of the following is considered the heart of the patient counselling session?

Options :

1. Preparing for the session
2. Opening of the session
3. Counselling content
4. Closing of the session

Question Number : 92 Question Id : 63068090512 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.25

Which category of ABC analysis consists of approximately 70% of expenditure and 10% of drugs?

Options :

1. A

2. B
3. C
4. D

Question Number : 93 Question Id : 63068090520 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which type of drug information resources do indexing and abstracting services come under?

Options :

1. Primary
2. Secondary
3. Tertiary
4. Quaternary

Question Number : 94 Question Id : 63068090525 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

The time interval between placing the order for purchase and receipt of items is called _____.

Options :

1. buffer time
2. lead time
3. reorder time
4. waiting time

Question Number : 95 Question Id : 63068090554 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

In which drug distribution system are medications ordered, packed, handled, administered and charged in multiples of single-dose units containing a pre-determined amount of drug?

Options :

1. Individual prescription system
2. Complete floor stock system
3. Unit dose dispensing method
4. Centralised distribution system

Question Number : 96 Question Id : 63068092760 Is Question Mandatory : No Calculator : None

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

Wrong Marks : 0.25

Which of the following is NOT an advantage of the coding system for materials?

Options :

1. It helps identify spurious drugs.
2. It assists in keeping records.
3. It facilitates quick identification.
4. It eliminates the chances of duplication of items.

Question Number : 97 Question Id : 630680118638 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.25

Which of the following is the WHO Collaborating Centre for Pharmacovigilance in Public Health Programmes and Regulatory Services?

Options :

1. Uppsala Monitoring Centre
2. Indian Pharmacopoeia Commission
3. The Netherlands Pharmacovigilance Centre Lareb
4. Norwegian Institute of Public Health

Question Number : 98 Question Id : 630680118639 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.25

Understanding the reduction/elimination of signs and symptoms is a part of _____.

Options :

1. collection and interpretation of patient-specific information
2. assessment of therapeutic goals
3. identification of drug-related problems
4. medication chart endorsement

Question Number : 99 Question Id : 630680121854 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.25

Which of the following statements related to the location of drug information services/centre is INCORRECT?

Options :

1. It should be away from inpatient and outpatient departments.
2. It should be near the pharmacy department.
3. It should be near the operation theatre.
4. It should be near the hospital library.

Question Number : 100 Question Id : 630680144685 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wrong Marks : 0.25

Reduced bronchodilation by a beta₂ agonist prescribed with a non-selective beta-blocker is an example of:

Options :

1. behavioural drug–drug interaction
2. pharmaceutical drug–drug interaction
3. pharmacokinetic drug–drug interaction
4. pharmacodynamic drug–drug interaction