

# Maharashtra Public Service Commission

<b>Question Paper Name :</b>	Pharmacist in Government Medical College Group B
<b>Subject Name :</b>	Pharmacist in Government Medical College Group B
<b>Duration :</b>	60
<b>Total Marks :</b>	100
<b>Display Marks:</b>	Yes
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	Yes
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 630680161869 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Wrong Marks : 0.25**

The part of prescription containing directions to the pharmacist for preparing the prescriptions and for dispensing them, is known as \_\_\_\_\_.

**Options :**

1. superscription
2. refilling
3. subscription
4. signa

**Question Number : 2 Question Id : 630680161870 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Wrong Marks : 0.25**

The Latin term for eardrops is \_\_\_\_\_.

**Options :**

1. auristillae
2. collyrium
3. collutorium
4. haustus

**Question Number : 3 Question Id : 630680161871 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Wrong Marks : 0.25**

Rapid development of tolerance on repeated doses of a drug in quick succession, with reduction in clinical response, is termed as \_\_\_\_\_.

**Options :**

1. synergism
2. antagonism
3. idiosyncrasy
4. tachyphylaxis

**Question Number : 4 Question Id : 630680161872 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Wrong Marks : 0.25**

Clark's formula of dose calculation is based on \_\_\_\_\_.

**Options :**

1. body weight
2. body surface area
3. body mass index
4. age

**Question Number : 5 Question Id : 630680161873 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Wrong Marks : 0.25**

Dose calculation based on body surface area is depicted by \_\_\_\_\_ formula.

**Options :**

1. Brunton's
2. Crawford Terry Rourke's
3. Augsberger's
4. Fried's

**Question Number : 6 Question Id : 630680161874 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Wrong Marks : 0.25**

The first British Pharmacopoeia was published in \_\_\_\_\_.

**Options :**

1. 1864
2. 1968
3. 1932
4. 1885

**Question Number : 7 Question Id : 630680161875 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Wrong Marks : 0.25**

The supplement for Indian Pharmacopoeia in 2000 was introduced to include which of the following?

**Options :**

1. Liposomal products
2. Veterinary products
3. Herbal drugs
4. Vaccines

**Question Number : 8 Question Id : 630680161876 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 an absorbable type of suture material?

**Options :**

1. Brocafil
2. Horse hair
3. Silk
4. Linen

**Question Number : 9 Question Id : 630680161877 Is Question Mandatory : No Calculator : None**

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

**Wrong Marks : 0.25**

The standard test for catgut involving measurement by means of dial reading micrometer is known as the test for \_\_\_\_\_.

**Options :**

1. tensile strength
2. sterility
3. gauge
4. contaminants

**Question Number : 10 Question Id : 630680161878 Is Question Mandatory : No Calculator : None**

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

**Wrong Marks : 0.25**

Endotoxins otherwise known as lipopolysaccharides comprise the outermost cell wall layer of \_\_\_\_\_.

**Options :**

1. gram-positive bacteria
2. gram-negative bacteria
3. virus
4. fungi

**Question Number : 11 Question Id : 630680161879 Is Question Mandatory : No Calculator : None**

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

**Wrong Marks : 0.25**

Leptospirosis is a \_\_\_\_\_ infection.

**Options :**

1. bacterial

2. parasitic
3. viral
4. fungal

**Question Number : 12 Question Id : 630680161880 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 morbidity indicator?

**Options :**

1. Child death rate
2. Life expectancy
3. Case fatality rate
4. Incidence

**Question Number : 13 Question Id : 630680161881 Is Question Mandatory : No Calculator : None  
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0  
Wrong Marks : 0.25**

The causative viral organism responsible for measles is \_\_\_\_\_.

**Options :**

1. Variola
2. Varicella
3. Ebola
4. Rubeola

**Question Number : 14 Question Id : 630680161882 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 epidemiological index for measuring the tuberculosis problem in a community?

**Options :**

1. Mortality
2. Prevalence
3. Morbidity
4. Notification rate

**Question Number : 15 Question Id : 630680161883 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 ideal characteristic of health indicators?

**Options :**

1. Reliable
2. Specific
3. Resilient
4. Relevant

**Question Number : 16 Question Id : 630680161884 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 a parameter of the traditional triangle of epidemiology?

**Options :**

1. Environment
2. Agent
3. Morbidity
4. Host

**Question Number : 17 Question Id : 630680161885 Is Question Mandatory : No Calculator : None  
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0  
Wrong Marks : 0.25**

The 'Universal Declaration of Human Rights' recognising the right to health was established in \_\_\_\_\_.

**Options :**

1. 1966
2. 1948
3. 1979
4. 1989

**Question Number : 18 Question Id : 630680161886 Is Question Mandatory : No Calculator : None  
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0  
Wrong Marks : 0.25**

The measure of overall disease burden expressed as number of years lost due to ill health, disability, or early death, is known as \_\_\_\_\_.

**Options :**

1. HALE
2. QALY
3. DFLE
4. DALY

**Question Number : 19 Question Id : 630680161887 Is Question Mandatory : No Calculator : None  
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0  
Wrong Marks : 0.25**

The burns involving the outermost layer of skin are called \_\_\_\_\_ degree burns.

**Options :**

1. first
2. third
3. second
4. fourth

**Question Number : 20 Question Id : 630680161888 Is Question Mandatory : No Calculator : None  
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Wrong Marks : 0.25**

The specific antidote used for atropine poisoning is \_\_\_\_\_

**Options :**

1. bemegride
2. mercaptide
3. protamine
4. physostigmine

**Question Number : 21 Question Id : 630680161889 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Wrong Marks : 0.25**

Burns caused by which of the following substances can be called both thermal and chemical burns?

**Options :**

1. Copper sulphate
2. Hydrochloric acid
3. Phosphorous
4. Sodium hydroxide

**Question Number : 22 Question Id : 630680161890 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Wrong Marks : 0.25**

Metabolic shock is associated with \_\_\_\_\_.

**Options :**

1. injuries to lungs
2. allergic reactions
3. severe infections
4. low blood sugar level

**Question Number : 23 Question Id : 630680161891 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Wrong Marks : 0.25**

For elapids venom, the drug effectively used in hospital management is \_\_\_\_\_.

**Options :**

1. neostigmine
2. methyl dopa
3. domperidone
4. caffeine

**Question Number : 24 Question Id : 630680161892 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Wrong Marks : 0.25**

A brief whiff of \_\_\_\_\_ is beneficial during carbon monoxide poisoning.

**Options :**

1. ammonium hydroxide

2. sodium hydroxide
3. potassium hydroxide
4. magnesium hydroxide

**Question Number : 25 Question Id : 630680161893 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Wrong Marks : 0.25**

Ecchymosis of the skin is associated with \_\_\_\_\_.

**Options :**

1. rat bite
2. snake bite
3. leech bite
4. dog bite

**Question Number : 26 Question Id : 630680161894 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Wrong Marks : 0.25**

Chemical intoxications occurring over 24 hours or less than that result in \_\_\_\_\_ toxicity.

**Options :**

1. sub acute
2. chronic
3. acute
4. sub chronic

**Question Number : 27 Question Id : 630680161895 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 substances is both endobiotic and xenobiotic?

**Options :**

1. Cyclophosphamide
2. Acrolein
3. Stilboestrol
4. Quinine

**Question Number : 28 Question Id : 630680161896 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 substances is classified as deliriant poison?

**Options :**

1. Nicotine
2. Caffeine
3. Hyoscyamine
4. Loganin

**Question Number : 29 Question Id : 630680161897 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 an aryl phosphate type of organophosphate?

**Options :**

1. Malathion
2. Parathion
3. Demeton
4. Sulfotepp

**Question Number : 30 Question Id : 630680161898 Is Question Mandatory : No Calculator : None**

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

**Wrong Marks : 0.25**

During opioid poisoning, the stage of cyanosed face and lip before passing into deep coma is categorised as:

**Options :**

1. stage of elation
2. stage of excitement
3. stage of narcosis
4. stage of stupor

**Question Number : 31 Question Id : 630680161899 Is Question Mandatory : No Calculator : None**

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

**Wrong Marks : 0.25**

Itai-itai disease is associated with \_\_\_\_\_ poisoning.

**Options :**

1. cadmium
2. mercury
3. lead
4. iron

**Question Number : 32 Question Id : 630680161900 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 water immiscible liquid, encapsulated into soft gelatine capsules?

**Options :**

1. Ethoxylated sorbitan
2. Poly ether
3. Secondary alcohol
4. Chlorinated hydrocarbon

**Question Number : 33 Question Id : 630680161901 Is Question Mandatory : No Calculator : None**

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

**Wrong Marks : 0.25**

A suspensoid in suspension formulation is:



**Options :**

1. an active drug
2. a solubilising vehicle
3. a wetting agent
4. a preservative

**Question Number : 34 Question Id : 630680161902 Is Question Mandatory : No Calculator : None  
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0  
Wrong Marks : 0.25**

The factors affecting rate of settling of particles of a suspension are based on:

**Options :**

1. Raoult's law
2. Henry's law
3. Stoke's law
4. Poiseuille's Law

**Question Number : 35 Question Id : 630680161903 Is Question Mandatory : No Calculator : None  
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0  
Wrong Marks : 0.25**

For the manufacture of vaccines containing inactivated microorganism, the organism is treated with \_\_\_\_\_.

**Options :**

1. benzene
2. phenol
3. cresol
4. acetone

**Question Number : 36 Question Id : 630680161904 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 types of glass containers used for parenteral preparation is most resistant to chemical deterioration?

**Options :**

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

**Question Number : 37 Question Id : 630680161905 Is Question Mandatory : No Calculator : None  
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0  
Wrong Marks : 0.25**

In dry powder inhalers, material like \_\_\_\_\_ is made to modify adhesive properties between drug and carrier particles.

**Options :**

1. serine

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 2022 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

4. metallic suture

**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. CO<sub>2</sub>
2. SO<sub>2</sub>
3. H<sub>2</sub>
4. N<sub>2</sub>

**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-C 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  $\text{Cl}^-$  channel
2. activation of glutamate gated  $\text{Cl}^-$  channel
3. activation of nicotinic cholinergic receptors
4. leakage of intracellular  $\text{Ca}^{+2}$

**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<sub>1B</sub> receptors
2. excessive stimulation of brain 5HT<sub>2</sub> receptors
3. excessive stimulation of brain 5HT<sub>3</sub> receptors
4. excessive stimulation of brain 5HT<sub>4</sub> 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 $\alpha$  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 beta<sub>2</sub> 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