

TCSiON CAE

Notations :

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

Question Paper Name :	PC22212CONCERNEDSUBJECTDI2221 19th May 2023 Shift 2
Subject Name :	PC22212 CONCERNED SUBJECT DI2221
Actual Answer Key :	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
Help Button :	No
Show Reports :	No
Show Progress Bar :	No
Is this Group for Examiner? :	No
Examiner permission :	Cant View

Show Progress Bar? : No

Enable Mark as Answered Mark for Review and Clear Response : Yes

Maximum Instruction Time : 0

Is Section Default? : null

Question Number : 1 Question Id : 630680221396 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct regarding Aerosols?

I. Aerosols may be defined as the pressurized dosage form of medicament in which the liquid or solid drug or drugs are dissolved or suspended in gas.

II. Aerosols used in the treatment of respiratory conditions, are atomized in devices known as nebulisers.

Options :

1. ✘ Only I

2. ✘ Only II

3. ✔ Both I and II

4. ✘ Neither I nor II

Question Number : 2 Question Id : 630680221397 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Hard gelatin capsules are available in a number of sizes which varies from _____.

Options :

1. ✘ 0 to 5
2. ✘ 000 to 3
3. ✔ 000 to 5
4. ✘ 1 to 5

Question Number : 3 Question Id : 630680221398 Option Shuffling : Yes Is Question

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

Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of creams, which of the following pair is correct?

- I. Oil in water – Oily creams
- II. Water in oil – Aqueous creams

Options :

1. ✘ Only I
2. ✘ Only II
3. ✘ Both I and II
4. ✔ Neither I nor II

Question Number : 4 Question Id : 630680221399 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is an example of infusion?

Options :

1. ✓ Concentrated compound gentian
2. ✗ Noscapine linctus
3. ✗ Belladonna tincture
4. ✗ Calamine lotion

Question Number : 5 Question Id : 630680221400 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The prescription given below represents which type of pharmaceutical incompatibility?

Rx

Amphetamine Sulphate 20mg

Ephedrine sulphate 100 mg

Simple syrup up to 100 ml

Make a mixture

Options :

1. ✗ Physical

2. ✘ Adjusted chemical

3. ✔ Therapeutic

4. ✘ Tolerated chemical

Question Number : 6 Question Id : 630680221401 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Match the following.

	Pharmaceutical Incompatibilities		Description of the incompatibilities
I	Physical	1	Administration of overdose or improper dose of a single drug, wrong dose or dosage form
II	Chemical	2	Immiscibility, insolubility, precipitate formation of solid materials
III	Therapeutic	3	Oxidation reduction, acid-base, hydrolysis or combination reactions

Options :

1. ✘ I-1, II-3, III-2

2. ✔ I-2, II-3, III-1

3. ✘ I-2, II-1, III-3

4. ✘ I-1, II-2, III-3

Question Number : 7 Question Id : 630680221402 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following drug is obtained from plants?

Options :

1. ✘ Insulin
2. ✔ Digoxin
3. ✘ Propranolol
4. ✘ Penicillin

Question Number : 8 Question Id : 630680221403 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

What is the source of Morphine?

Options :

1. ✔ Plant
2. ✘ Animal
3. ✘ Inorganic
4. ✘ Synthetic

Question Number : 9 Question Id : 630680221404 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Match the following.

	Crude Drug		Parts of plant
I	Nutmeg	1	Seeds
II	Arjuna	2	Leaves
III	Coca	3	Barks

Options :

1. ✘ I-1, II-2, III-3
2. ✔ I-1, II-3, III-2
3. ✘ I-3, II-1, III-2
4. ✘ I-2, II-1, III-3

Question Number : 10 Question Id : 630680221405 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is the non-official drug compendia?

Options :

1. ✔ Merck Index
2. ✘ British Pharmaceutical Codex

3. ✘ Indian Pharmacopoeia

4. ✘ United States Pharmacopoeia

Question Number : 11 Question Id : 630680221406 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of Pharmacopoeia of India, arrange the following according to the years in which they published or constituted.

I. The Indian Pharmacopoeial list

II. Permanent Indian Pharmacopoeia Committee

III. First edition of Indian Pharmacopoeia

Options :

1. ✘ II, I, III

2. ✔ I, II, III

3. ✘ I, III, II

4. ✘ III, I, II

Question Number : 12 Question Id : 630680221407 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following drug compendia in the order of years in which their first edition was published.

I. Pharmacopoeia of India

II. British Pharmaceutical codex

III. The United States Pharmacopoeia

IV. The Merck Index

Options :

1. ✓ III, IV, II, I

2. ✗ III, II, IV, I

3. ✗ I, II, III, IV

4. ✗ I, III, II, IV

Question Number : 13 Question Id : 630680221408 Option Shuffling : Yes Is Question

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

Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct about Collodions?

I. Collodions are the liquid preparations meant for external application to skin

II. They are applied with a brush or rod

III. Flexible collodion contains pyroxillon, castor oil and alcohol in solvent ether

Options :

1. ✗ II and III only

2.

✓ I, II and III

3. ✘ I and II only

4. ✘ Only III

Question Number : 14 Question Id : 630680221409 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct regarding Tinctures?

I. They are alcoholic liquid preparations containing the active principles of vegetable drugs.

II. They are usually prepared by maceration or percolation.

III. Aromatic Cardamom and Nux vomica are its examples.

Options :

1. ✘ Only I

2. ✘ Only III

3. ✘ Only I and II

4. ✓ I, II and III

Question Number : 15 Question Id : 630680221410 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Preparation of isotonic solutions requires the use of one of the colligative properties of solutions. Which of the following are these colligative properties?

I. Lowering of vapor pressure

II. Depression of freezing point of a solution with increasing solute concentration

Options :

1. ✘ Only I

2. ✘ Only II

3. ✔ Both I and II

4. ✘ Neither I nor II

Question Number : 16 Question Id : 630680221411 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The normal serum osmolality is in the range of _____ mOsmol/kg.

Options :

1. ✘ 120-140

2. ✔ 275-300

3. ✘ 180-200

4. ✘ 40-60

Question Number : 17 Question Id : 630680221412 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of dosage calculation for children, what is the formulae for calculation of child dose (for children 2 to 12 years) as per young's rule?

Options :

1. ✓ $\frac{\text{Age in years}}{\text{Age in years}+12} \times \text{Adult dose}$

2. ✗ $\frac{\text{Weight in pounds}}{150} \times \text{Adult dose}$

3. ✗ $\frac{\text{Age in months}}{150} \times \text{Adult dose}$

4. ✗ $\frac{\text{Age in years}+3}{30} \times \text{Adult dose}$

Question Number : 18 Question Id : 630680221413 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Infection obtained through the health care staff during surgical operation or some medical procedure is called _____.

Options :

1. ✗ Primary infection

2. ✗ Endogenous infection

3. ✘ Re-infection

4. ✔ Iatrogenic infection

Question Number : 19 Question Id : 630680221414 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of Hospital acquired infections, which pair of 'type of hospital infection – Its description' is correct?

I. Infections of alimentary tract – These occur more commonly in infants in maternity wards and children in paediatric ward. For example coliform enteritis is common in infants

II. Infections of urinary tract – These constitute major type of hospital acquired infection which may occur due to catheterization

Options :

1. ✘ Only I

2. ✘ Only II

3. ✔ Both I and II

4. ✘ Neither I nor II

Question Number : 20 Question Id : 630680221415 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of prevention and control of Hospital Acquired Infections, which of the following statement is correct?

I. The hospital staff should wear gowns, masks, gloves and they should wash their hands with soap after examining each and every patient.

II. All instruments, needles, syringes, dressing material should be properly sterilized.

Options :

1. ✘ Only I
2. ✘ Only II
3. ✔ Both I and II
4. ✘ Neither I nor II

Question Number : 21 Question Id : 630680221416 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is a method of disinfection which used chemical agent?

Options :

1. ✘ Using autoclaving
2. ✔ Using halogens
3. ✘ Using radiation
4. ✘ Using burning

Question Number : 22 Question Id : 630680221417 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following parts of a typical prescription in the correct order (top to bottom).

I. Name, age, sex and address of the patient

II. Signature of the prescriber

III. Subscription

IV. Superscription

Options :

1. ✓ I, IV, III, II

2. ✗ II, I, III, IV

3. ✗ I, II, III, IV

4. ✗ IV, III, II, I

Question Number : 23 Question Id : 630680221418 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

What is the Latin term used in prescription writing for 'before meals'?

Options :

1. ✓ Ante Cibos

2.

✘ Applicandus

3. ✘ Auristillae

4. ✘ Charta

Question Number : 24 Question Id : 630680221419 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Superscription a part of prescription is represented by which symbol?

Options :

1. ✘ Qx

2. ✔ Rx

3. ✘ Lx

4. ✘ Zx

Question Number : 25 Question Id : 630680221420 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which part of prescription contains the names and quantities of the prescribed ingredients?

Options :

1. ✘ Superscription

2. ✘ Signatura

3. ✔ Inscription

4. ✘ Subscription

Question Number : 26 Question Id : 630680221421 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Find the strength of 85 percent V/V alcohol in terms of proof spirit.

Options :

1. ✘ 59.005° O.P.

2. ✘ 57.77° O.P.

3. ✔ 49.005° O.P.

4. ✘ 46.77° O.P.

Question Number : 27 Question Id : 630680221422 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct in the context of Latin terms commonly used in prescription writing?

I. Congius is the Latin term for 'a gallon'.

II. Hora is the Latin term for 'an hour'.

Options :

1. ✘ Only I

2. ✘ Only II

3. ✔ Both I and II

4. ✘ Neither I nor II

Question Number : 28 Question Id : 630680221423 Option Shuffling : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct regarding classification of Biomedical waste?

I. Waste containing genotoxic wastes, eg. drugs used in cancer therapy.

II. Waste containing chemical substances eg. lab reagents, disinfectants that are expired or no longer needed.

Options :

1. ✘ Only I

2. ✘ Only II

3. ✔ Both I and II

4. ✘ Neither I nor II

Question Number : 29 Question Id : 630680221424 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of parts of prescription, which statement is correct regarding 'Signatura'?

- I. It consists of the directions to be given to the patient regarding the administration of drug.
- II. It is usually abbreviated as 'Sig'.
- III. It is always written at the beginning of prescription.

Options :

- 1. ✓ Only I and II
- 2. ✗ Only III
- 3. ✗ Only II and III
- 4. ✗ Only I

Question Number : 30 Question Id : 630680221425 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which statement is correct in the context of Isotonic solutions?

- I. Injectable solutions should be isotonic with blood plasma.
- II. Ophthalmic solutions should be isotonic with lachrymal secretions to prevent irritation and pain.
- III. Solutions having same osmotic pressure are said to be isotonic.

Options :

1. ✓ I, II and III
2. ✘ Only III
3. ✘ Only I and III
4. ✘ Only II and III

Question Number : 31 Question Id : 630680221426 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Buffers are used in ophthalmic solution for some reasons. Which of the following are those reasons?

- I. To reduce discomfort to the patient
- II. To control the therapeutic activity of the drug substance
- III. To ensure drug stability and safety

Options :

1. ✓ I, II and III
2. ✘ Only II and III
3. ✘ Only I and III
4. ✘ Only II

Question Number : 32 Question Id : 630680221427 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of ophthalmic drops formulation, match the following.

	Ingredients		Examples
I	Thickening agent	1	Methyl Cellulose
II	Antioxidants	2	Disodium edetate
III	Chelating agents	3	Sodium thiosulphate

Options :

1. ✘ I-1, II-2, III-3

2. ✘ I-3, II-1, III-2

3. ✔ I-1, II-3, III-2

4. ✘ I-3, II-2, III-1

Question Number : 33 Question Id : 630680221428 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of evaluation of ophthalmic suspension, the rate at which the suspension particles settle in the vehicle is called _____.

Options :

1. ✘ Viscosity

2. ✘ Redispersibility

3. ✘ Squeesability

4. ✔ Sedimentation

Question Number : 34 Question Id : 630680221429 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is a synthetic surgical fibre?

Options :

1. ✘ Cotton

2. ✘ Silk

3. ✘ Hemp

4. ✔ Terylene

Question Number : 35 Question Id : 630680221430 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following pair of 'type of suture : Its example' is correct?

I. Absorbable suture : Sterile catgut

II. Non-absorbable suture : Sterile braided sutures

Options :

1. ✘ Only I
2. ✘ Only II
3. ✔ Both I and II
4. ✘ Neither I nor II

Question Number : 36 Question Id : 630680221431 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is a medicated bandage?

Options :

1. ✔ Zinc paste bandage
2. ✘ Crepe bandage
3. ✘ Domette bandage
4. ✘ Calico bandage

Question Number : 37 Question Id : 630680221432 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct regarding the sterilization of needles?

- I. Needles can be sterilized by autoclaving or dry heat method.
- II. Suture needles may be sterilized in the air at 16°C for 60 minutes.

Options :

- 1. ✓ Only I
- 2. ✗ Only II
- 3. ✗ Both I and II
- 4. ✗ Neither I nor II

Question Number : 38 Question Id : 630680221433 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is a measure of total lethality of a heat sterilization process for a given microorganism and is used to compare the lethality of different heat sterilization processes?

Options :

- 1. ✗ D-Value
- 2. ✓ F-Value
- 3. ✗ Z-Value
- 4. ✗ H-Value

Question Number : 39 Question Id : 630680221434 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct about Moist Heat Sterilization?

- I. It is the most efficient biocidal agent.
- II. In pharmaceutical industry, it is used for surgical dressings, surgical and diagnostic equipment and containers.

Options :

- 1. ✘ Only I
- 2. ✘ Only II
- 3. ✔ Both I and II
- 4. ✘ Neither I nor II

Question Number : 40 Question Id : 630680221435 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct about Dry heat sterilization?

- I. It is based on only protein coagulation.
- II. It is based on oxidative damage.

Options :

- 1. ✘ Only I
- 2.

✓ Only II

3. ✘ Both I and II

4. ✘ Neither I nor II

Question Number : 41 Question Id : 630680221436 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of Dry heat sterilization, TDT is inversely proportional to temperature. What is the full form of TDT?

Options :

1. ✘ Thermal debris time

2. ✘ Temperature death target

3. ✘ Thermal death target

4. ✓ Thermal death time

Question Number : 42 Question Id : 630680221437 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following steps of sterilization by filtration method (from first to last).

P. Aseptic distribution of the filtered solution into the previously sterilized final containers

Q. Filtration of the solution through one of the bacteria proof filters

R. Aseptic closure of the containers

S. Performing the sterility test

Options :

1. ✓ Q, P, R, S

2. ✗ P, Q, R, S

3. ✗ S, P, Q, R

4. ✗ S, Q, P, R

Question Number : 43 Question Id : 630680221438 Option Shuffling : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In moist heat sterilization, spores are killed by exposure to heat at 121°C for _____ minutes.

Options :

1. ✓ 10-30

2. ✗ 180-240

3. ✗ 120-150

4. ✘ 200-300

Question Number : 44 Question Id : 630680221439 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Sintered glass filters are available in different pore sizes and are numbered accordingly. For bacteria proof filtration which number is used?

Options :

1. ✘ 7 or 11

2. ✘ 1 or 2

3. ✔ 5 or 3

4. ✘ 11 or 14

Question Number : 45 Question Id : 630680221440 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which filters are also called Millipore filters?

Options :

1. ✘ Seitz filter

2. ✔ Membrane filter

3. ✘ Ceramic filter

4. ✘ Sintered metal filter

Question Number : 46 Question Id : 630680221441 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is a gaseous chemical method of sterilization?

Options :

1. ✘ Alcohols

2. ✘ Halogens

3. ✔ Formaldehydes

4. ✘ Carbon Monoxide

Question Number : 47 Question Id : 630680221442 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of surgical dressings, which of the following is a medicated fibre?

Options :

1. ✘ Rayon

2. ✘ Silk

3. ✘ Absorbent cotton

4. ✔ Capsicum wool

Question Number : 48 Question Id : 630680221443 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of ophthalmic drops formulation, which of the following is a wetting agent?

Options :

1. ✘ Chlorobutol

2. ✘ Sodium chloride

3. ✘ Boric acid

4. ✔ Polysorbate 80

Question Number : 49 Question Id : 630680221444 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of evaluation of ophthalmic injection, to do test for pyrogens the animal have to be fasted for how many hours before the test?

Options :

1. ✘ 36

2. ✘ 48

3. ✘ 40

4. ✔ 12

Question Number : 50 Question Id : 630680221445 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which metabolic process in carbohydrates generates glucose from non-carbohydrate precursors?

Options :

1. ✔ Gluconeogenesis

2. ✘ Glycogenesis

3. ✘ Glycogenolysis

4. ✘ Glycolysis

Question Number : 51 Question Id : 630680221446 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is an arthropod vector borne infection?

Options :

1. ✘ Syphilis
2. ✔ Filariasis
3. ✘ Hepatitis
4. ✘ Gonorrhoea

Question Number : 52 Question Id : 630680221447 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The size of a burn can be quickly estimated by using the "rule of nines." According to the same rule, what percentage of body surface area is occupied by leg?

Options :

1. ✘ 21%
2. ✘ 1%
3. ✔ 18%
4. ✘ 9%

Question Number : 53 Question Id : 630680221448 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The maximum incidence of diphtheria occurs in children between _____.

Options :

1. ✘ 0-1 years of age
2. ✔ 2-5 years of age
3. ✘ 6-8 years of age
4. ✘ 9-10 years of age

Question Number : 54 Question Id : 630680221449 Option Shuffling : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Mantoux test is used for which of these communicable diseases?

Options :

1. ✘ Cholera
2. ✘ Typhoid
3. ✔ Tuberculosis
4. ✘ Measles

Question Number : 55 Question Id : 630680221450 Option Shuffling : Yes Is Question

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

Time : 0

Correct Marks : 2 Wrong Marks : 0

In which type of fracture, there are several lines of fracture crossing each other indicating that the bone has broken into several pieces?

Options :

1. ✘ Compound fracture
2. ✔ Comminuted fracture
3. ✘ Green-stick fracture
4. ✘ Complicated fracture

Question Number : 56 Question Id : 630680221451 Option Shuffling : Yes Is Question

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

Time : 0

Correct Marks : 2 Wrong Marks : 0

What is the name of the most effective single drug used in the management of filariasis?

Options :

1. ✘ Clofazimine
2. ✘ Fleroxacin
3. ✘ Dicloxacillin
4. ✔ Diethylcarbamazine

Question Number : 57 Question Id : 630680221452 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The drugs available for the treatment of tuberculosis vary in their effectiveness. Which of the following drug combinations has the lowest effectiveness?

Options :

1. ✘ Isoniazid and Rifampicin
2. ✘ Rifampicin and Pyrazinamide
3. ✔ Pyrazinamide and thiacetazone
4. ✘ Streptomycin and Isoniazid

Question Number : 58 Question Id : 630680221453 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

A polymer of monosaccharide units joined by glycosidic bonds is called _____.

Options :

1. ✘ glypican
2. ✘ glycome
3. ✔ glycan
4. ✘ glycogenin

Question Number : 59 Question Id : 630680221454 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

MacConkey's agar medium was introduced first and foremost in the year _____.

Options :

1. ✓ 1905
2. ✗ 1910
3. ✗ 1907
4. ✗ 1902

Question Number : 60 Question Id : 630680221455 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is a non-toxin mediated cause of food poisoning?

Options :

1. ✓ Norwalk virus
2. ✗ Clostridium botulinum
3. ✗ Clostridium perfringens

4. ✘ E. coli

Question Number : 61 Question Id : 630680221456 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The size and shape of bacteria largely vary between the dimensions of _____.

Options :

1. ✘ 0.05 – 0.15 μm

2. ✘ 0.5 – 0.6 μm

3. ✔ 0.75 – 4.0 μm

4. ✘ 0.25 – 0.35 μm

Question Number : 62 Question Id : 630680221457 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In glycolysis, how many number of ATP molecules are generated by the catabolism of one molecule of glucose under aerobic conditions?

Options :

1. ✘ 5

2. ✔ 7

3. ✘ 2

4. ✘ 1

Question Number : 63 Question Id : 630680221458 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct?

I. In normo-volemic shock, body fluid volume is decreased.

II. In hypo-volemic, volume of body fluid is not decreased.

Options :

1. ✘ Only I

2. ✘ Only II

3. ✘ Both I and II

4. ✔ Neither I nor II

Question Number : 64 Question Id : 630680221459 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct regarding the clinical presentation of Trachoma?

I. The onset of trachoma is usually insidious.

II. Early symptoms include conjunctival irritation and blepharospasm.

Options :

1. ✘ Only I
2. ✘ Only II
3. ✔ Both I and II
4. ✘ Neither I nor II

Question Number : 65 Question Id : 630680221460 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct regarding the Krebs's cycle?

- I. All the enzymes catalysing the reactions of this cycle occur inside mitochondria.
- II. The reaction in this cycle involves four cofactors.

Options :

1. ✔ Only I
2. ✘ Only II
3. ✘ Both I and II
4. ✘ Neither I nor II

Question Number : 66 Question Id : 630680221461 Option Shuffling : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct regarding the Gram-staining technique?

- I. It categorically divides microorganisms into two major categories.
- II. This technique renders some microorganisms purple-violet and others red in appearance.

Options :

- 1. ✘ Only I
- 2. ✘ Only II
- 3. ✔ Both I and II
- 4. ✘ Neither I nor II

Question Number : 67 Question Id : 630680221462 Option Shuffling : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following treatments can be used for Scabies?

- I. Single application of gammabenzene hexachloride (GBH) 1% to the whole body below the neck.
- II. Crotamiton applied as cream twice during a 48-hour period.
- III. Dapsone and rifampicin for 3 days.

Options :

- 1. ✔ I and II only
- 2. ✘ Only III

3. ✘ II and III only

4. ✘ I, II and III

Question Number : 68 Question Id : 630680221463 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is a characteristic of selective media for microorganism identification?

I. It specifically favours the growth of particular microorganisms.

II. The MacConkey agar medium is an example for selective media.

III. It distinguish between different groups of bacteria and even allow tentative identification of microbes based on their biological characteristics.

Options :

1. ✘ Only III

2. ✔ I and II

3. ✘ II and III

4. ✘ I, II and III

Question Number : 69 Question Id : 630680221464 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Match the following types of shocks with their etiological factors.

	Types of Shock		Etiological factors
I	Neurogenic shock	1	Arrhythmias
II	Cardiogenic shock	2	Spinal Anesthesia
III	Hypovolemic shock	3	Loss of plasma due to burns

Options :

1. ✘ I-1, II-3, III-2

2. ✘ I-2, II-3, III-1

3. ✘ I-3, II-1, III-2

4. ✔ I-2, II-1, III-3

Question Number : 70 Question Id : 630680221465 Option Shuffling : Yes Is Question

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

Time : 0

Correct Marks : 2 Wrong Marks : 0

Match the following communicable diseases with their respective incubation periods.

	Communicable Disease		Incubation Period
I	Chicken Pox	1	7-14 days
II	Influenza	2	14-21 days
III	Whooping cough	3	24-28 hours

Options :

1. ✘ I-1, II-3, III-2

2. ✓ I-2, II-3, III-1

3. ✗ I-3, II-2, III-1

4. ✗ I-2, II-1, III-3

Question Number : 71 Question Id : 630680221466 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Match the following poisons with their respective antidotes.

	Poison		Antidote
I	Opium	1	Calcium disodium EDTA
II	Digitalis	2	Protamine sulfate
III	Heparin	3	Nalorphine
IV	Lead	4	Lignocaine

Options :

1. ✗ I-4, II-1, III-3, IV-2

2. ✗ I-1, II-4, III-2, IV-3

3. ✓ I-3, II-4, III-2, IV-1

4. ✗ I-4, II-2, III-3, IV-1

Question Number : 72 Question Id : 630680221467 Option Shuffling : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Identify the correct pair.

I. Hepatitis A virus – DNA virus

II. Hepatitis B virus- RNA virus

Options :

1. ✘ Only I

2. ✘ Only II

3. ✘ Both I and II

4. ✔ Neither I nor II

Question Number : 73 Question Id : 630680221468 Option Shuffling : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Consider the asexual cycle of different parasites and choose the correct pair.

I. *P. vivax*, *P. ovale*: 48 hours, synchronous

II. *P. falciparum*: 48 hours asynchronous

III. *P. malariae*: 72 hours asynchronous

Options :

1. ✔ I and II only

2. ✘ Only III

3. ✘ II and III only

4. ✘ I, II and III

Question Number : 74 Question Id : 630680221469 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Identify the correct order of the molecules produced in the preparatory phase of glycolysis.

Options :

Fructose 6 phosphate → Glucose 6 phosphate → Fructose 1,6-bisphosphate → Glyceraldehyde 3-phosphate +

1. ✘ Dihydroxyacetone phosphate

Glucose 6 phosphate → Fructose 6 phosphate → Glyceraldehyde 3-phosphate + Dihydroxyacetone phosphate →

2. ✘ Fructose 1,6-bisphosphate →

Fructose 1,6-bisphosphate → Glucose 6 phosphate → Fructose 6 phosphate → Glyceraldehyde 3-phosphate +

3. ✘ Dihydroxyacetone phosphate

Glucose 6 phosphate → Fructose 6 phosphate → Fructose 1,6-bisphosphate → Glyceraldehyde 3-phosphate +

4. ✔ Dihydroxyacetone phosphate

Question Number : 75 Question Id : 630680221470 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Considering the onset of typhoid fever, identify the correct chronological order of following symptoms.

- A. Spleen becomes palpable
- B. Toxaemia increases
- C. Rash appears on the abdomen

Options :

- 1. ✘ B-C-A
- 2. ✘ A-B-C
- 3. ✔ C-A-B
- 4. ✘ A-C-B

Question Number : 76 Question Id : 630680221471 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Under some circumstances, haemoglobin releases nitric oxide (NO). The released NO causes _____.

Options :

- 1. ✘ trepidation
- 2. ✘ arthrodesis
- 3. ✘ palpitation
- 4. ✔ vasodilation

Question Number : 77 Question Id : 630680221472 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

What is the name given to hypertension with a known cause?

Options :

1. ✘ Malignant hypertension
2. ✔ Secondary hypertension
3. ✘ Primary hypertension
4. ✘ Essential hypertension

Question Number : 78 Question Id : 630680221473 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

What is the blood volume in an average-sized adult male?

Options :

1. ✘ 4 to 5 litres
2. ✘ 3 to 4 litres
3. ✔ 5 to 6 litres
4. ✘ 7 to 8 litres

Question Number : 79 Question Id : 630680221474 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

What is the clear, colourless liquid composed primarily of water that protects the brain and spinal cord from chemical and physical injuries called?

Options :

1. ✘ Synovial fluid
2. ✘ Pleural fluid
3. ✘ Transcellular fluid
4. ✔ Cerebrospinal fluid

Question Number : 80 Question Id : 630680221475 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

A mechanism that moves food from the mouth into the stomach is called _____.

Options :

1. ✘ Micturition
2. ✘ Reabsorption
3. ✔ Deglutition

4. ✘ Distention

Question Number : 81 Question Id : 630680221476 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Auscultation of the lungs reveals abnormal sounds, called rales, that have been described as _____.

Options :

1. ✘ howling cheers

2. ✘ fatty apron

3. ✘ dippers

4. ✔ crackling leaves

Question Number : 82 Question Id : 630680221477 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Those portions of the GI tract that are suspended in the abdominal cavity have a superficial layer called the _____.

Options :

1. ✘ adventitia

2. ✘ mucosa

3. ✘ plexus

4. ✔ serosa

Question Number : 83 Question Id : 630680221478 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which drug inhibits aldehyde dehydrogenase and blocks the oxidation of acetaldehyde?

Options :

1. ✘ Topiramate

2. ✔ Disulfiram

3. ✘ Acamprosate

4. ✘ Nalmefene

Question Number : 84 Question Id : 630680221479 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the adult human brain, the pons lies directly superior to the medulla and anterior to the cerebellum and is _____.

Options :

1. ✘ about 3 cm long

2. ✘ about 1.5 cm long

3. ✘ about 1 cm long

4. ✔ about 2.5 cm long

Question Number : 85 Question Id : 630680221480 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which peritoneal fold binds the small intestine to the posterior abdominal wall?

Options :

1. ✘ Mesocolon

2. ✘ Falciform ligament

3. ✔ Mesentery

4. ✘ Greater omentum

Question Number : 86 Question Id : 630680221481 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following drugs is used as an anticholinergic?

Options :

1. ✓ Scopolamine

2. ✗ Primidone

3. ✗ Prednisone

4. ✗ Loratadine

Question Number : 87 Question Id : 630680221482 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which drug is used in some patients with sickle cell disease to promote transcription of the normal Hb-F gene?

Options :

1. ✗ Cotrimoxazole

2. ✗ Diethylcarbamazine

3. ✗ Prednisone

4. ✓ Hydroxyurea

Question Number : 88 Question Id : 630680221483 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

What is the function of lingual frenulum in mouth?

Options :

1. ✓ Limits movement of the tongue posteriorly
2. ✗ Helps to anchor teeth
3. ✗ Crushes and grinds food
4. ✗ Forms lateral wall of oral cavity

Question Number : 89 Question Id : 630680221484 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct?

- I. Sotalol drug is a non-cardio selective beta blocker.
- II. Amiodarone drug is not embryotoxic.

Options :

1. ✓ Only I
2. ✗ Only II
3. ✗ Both I and II
4. ✗ Neither I nor II

Question Number : 90 Question Id : 630680221485 Option Shuffling : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct regarding the coronary artery disease?

- I. Chest pain is the most common symptom associated with this disease.
- II. The entire symptom complex of this disease has been termed angina pectoris.

Options :

- 1. ✘ Only I
- 2. ✘ Only II
- 3. ✔ Both I and II
- 4. ✘ Neither I nor II

Question Number : 91 Question Id : 630680221486 Option Shuffling : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is the correct function of spinal cord?

- I. The white matter tracts in the spinal cord are highways for nerve impulse propagation.
- II. The gray matter of the spinal cord receives and integrates incoming and outgoing information.

Options :

- 1. ✘ Only I
- 2. ✘ Only II
- 3. ✔ Both I and II

4. ✘ Neither I nor II

Question Number : 92 Question Id : 630680221487 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

What does the low count of monocytes indicate?

- I. Bone marrow suppression
- II. Treatment with cortisol
- III. Viral or fungal infections

Options :

1. ✔ I and II

2. ✘ Only III

3. ✘ I, II and III

4. ✘ II and III

Question Number : 93 Question Id : 630680221488 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following functions of hypothalamus is correct?

- I. It is one of the major regulators of homeostasis.
- II. It controls and integrates activities of the autonomic nervous system.
- III. It adjusts the basic rhythm of breathing.

Options :

1. ✘ I, II and III
2. ✘ Only I
3. ✘ II and III
4. ✔ I and II

Question Number : 94 Question Id : 630680221489 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct regarding the drug diphenylhydantoin?

- I. This drug can be used in the treatment of epilepsy.
- II. Its absorption is slow and variable.
- III. This drug slows the recovery of voltage-dependent Na⁺ channels.

Options :

1. ✔ I, II and III
2. ✘ II and III only
3. ✘ Only I
4. ✘ I and II only

Question Number : 95 Question Id : 630680221490 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Match the following granular leukocytes with their corresponding distinctive features. Choose the correct option.

I	Neutrophil	1	Smaller and evenly distributed granules
II	Basophil	2	Large and uniform-sized granules
III	Eosinophil	3	Round and variable sized granules

Options :

1. ✘ I-1, II-2, III-3

2. ✔ I-1, II-3, III-2

3. ✘ I-3, II-2, III-1

4. ✘ I-2, II-1, III-3

Question Number : 96 Question Id : 630680221491 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Match the following Receptors with their locations and choose the correct option.

I	Nicotinic receptor	1	Ciliary muscle in eye
II	α_1 receptor	2	Salivary gland cells
III	β_2 receptor	3	Chromaffin cells of adrenal medullae

Options :

1.

✘ I-1, II-3, III-2

2. ✔ I-3, II-2, III-1

3. ✘ I-2, II-3, III-1

4. ✘ I-1, II-2, III-3

Question Number : 97 Question Id : 630680221492 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Consider the following cell types of gastric gland and choose the correct pair.

I. G cell : Secretes pepsinogen and gastric lipase

II. Chief cell : Secretes the hormone gastrin

Options :

1. ✘ Only I

2. ✘ Only II

3. ✘ Both I and II

4. ✔ Neither I nor II

Question Number : 98 Question Id : 630680221493 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 2 Wrong Marks : 0

Considering the external anatomy of spinal cord, choose the correct pair.

- I. Cervical nerves: 12 pairs
- II. Thoracic nerves: 8 pairs
- III. Lumbar nerves: 5 pairs

Options :

- 1. ✘ Only I and II
- 2. ✔ Only III
- 3. ✘ Only II and III
- 4. ✘ I, II and III

Question Number : 99 Question Id : 630680221494 Option Shuffling : Yes Is Question

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

Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following proteins are correctly ordered in increasing order of their abundance in relation to the proteins present in the blood?

Options :

- 1. ✘ Albumins – Fibrinogen – Globulins
- 2. ✘ Fibrinogen – Albumins – Globulins
- 3. ✔ Fibrinogen – Globulins – Albumins

4. ✘ Albumins – Globulins – Fibrinogen

Question Number : 100 Question Id : 630680221495 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following drugs according to their duration in increasing order.

- A. Phentolamine
- B. Enalaprilat
- C. Esmolol
- D. Hydralazine

Options :

1. ✘ A-B-D-C

2. ✔ A-C-D-B

3. ✘ C-D-B-A

4. ✘ D-B-A-C

Question Number : 101 Question Id : 630680221496 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following parts of heart in the correct order, from top to bottom and choose the correct option.

- A. Brachiocephalic trunk
- B. Superior Vena Cava
- C. Auricle of left atrium
- D. Descending aorta

Options :

1. ✘ B-C-D-A

2. ✘ D-C-B-A

3. ✔ A-B-C-D

4. ✘ C-D-A-B

Question Number : 102 Question Id : 630680221497 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The digestive system performs some basic processes. Arrange the given five processes in the correct order.

- A. Digestion
- B. Ingestion
- C. Secretion
- D. Motility
- E. Absorption

Options :

1. ✘ B-D-A-E-C

2. ✘ D-B-C-A-E

3. ✘ C-D-A-E-B

4. ✔ B-C-D-A-E

Question Number : 103 Question Id : 630680221498 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The Flexor reflex operates in a certain way. Arrange the following paths followed by the flexor reflex in the correct order.

A. Stepping on tack stimulates sensory receptor

B. Sensory neuron excited

C. Within spinal cord, sensory neuron activates interneurons in several spinal cord segments

D. Motor neurons excited

Options :

1. ✘ A-C-D-B

2. ✔ A-B-C-D

3. ✘ A-D-C-B

4. ✘ B-C-D-A

Question Number : 104 Question Id : 630680221499 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 2 Wrong Marks : 0

As per The Narcotics Drugs and Psychotropic Substances Act 1985, the Narcotic Drugs and Psychotropic Substances Consultative Committee shall consist of a Chairman and such other members, not exceeding _____.

Options :

1. ✘ fifteen
2. ✔ twenty
3. ✘ thirty
4. ✘ ten

Question Number : 105 Question Id : 630680221500 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Section 27 of the Narcotic Drugs and Psychotropic Substances Act 1985, deals with _____.

Options :

1. ✘ Punishment for allowing premises, etc., to be used for commission of an offence
2. ✘ Punishment for certain acts by licensee or his servant
3. ✘ Punishment for financing illicit traffic and harbouring offender
4. ✔ Punishment for consumption of any narcotic drug or psychotropic substance

Question Number : 106 Question Id : 630680221501 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Under which section of the Narcotic Drugs and Psychotropic Substances Act 1985, the central government appoints a Narcotics Commissioner?

Options :

1. ✘ Section 7

2. ✔ Section 5

3. ✘ Section 8

4. ✘ Section 9

Question Number : 107 Question Id : 630680221502 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

As per The Drugs and Cosmetics Rules 1945, when an inspector takes a sample of a drug or cosmetic from a person for the purpose of testing or analysis, he shall divide the sample into how many portions in his presence?

Options :

1. ✘ Five

2. ✘ Two

3. ✘ Three

4.

✔ Four

Question Number : 108 Question Id : 630680221503 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which section of the Narcotic Drugs and Psychotropic Substances Act 1985, deals with the Power of the Central Government to permit, control, and regulate the use of certain narcotic drugs?

Options :

1. ✘ Section 11

2. ✘ Section 7

3. ✘ Section 12

4. ✔ Section 9

Question Number : 109 Question Id : 630680221504 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

As per The Drugs and Cosmetics Rules 1945, Licence for examination, test or analysis means a licence in _____ to import small quantities of drugs the import of which is otherwise prohibited, for the purpose of examination, test or analysis.

Options :

1. ✘ Form 16

2. ✘ Form 15

3. ✔ Form 11

4. ✘ Form 12

Question Number : 110 Question Id : 630680221505 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

As per The Drugs and Cosmetics Rules 1945, the nominated and elected members of the Drugs Technical Advisory Board shall hold office for _____.

Options :

1. ✔ three years

2. ✘ four years

3. ✘ two years

4. ✘ five years

Question Number : 111 Question Id : 630680221506 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

As per the Drugs and Cosmetics Rules 1945, any report of serious adverse event occurring during clinical trial to the subject, after due analysis, shall be forwarded to the licensing authority within how many days of its occurrence?

Options :

1. ✘ Eight days
2. ✔ Ten days
3. ✘ Fifteen days
4. ✘ Twelve days

Question Number : 112 Question Id : 630680221507 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

As per the Narcotic Drugs and Psychotropic Substances Act 1985, what is the Punishment for contravention in relation to coca plant and coca leaves?

Options :

1. ✔ Rigorous imprisonment for a term which may extend to ten years or with fine which may extend to 1 lakh rupees
2. ✘ Imprisonment for a term which may extend to twenty years or with fine which may extend to 2 lakh rupees
3. ✘ Imprisonment for a term which may extend to twelve years or with fine which may extend to 3 lakh rupees
4. ✘ Imprisonment for a term which may extend to five years or with fine which may extend to 1 lakh rupees

Question Number : 113 Question Id : 630680221508 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the Drugs and Cosmetics Rules 1945, section 21 talks about _____.

Options :

1. ✘ Prohibition of import of certain drugs or cosmetics
2. ✘ Power of Central Government to make rules
3. ✔ Inspectors
4. ✘ Government analyst

Question Number : 114 Question Id : 630680221509 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

According to the Narcotic Drugs and Psychotropic Substances Act 1985, 'opium derivative' means all preparations containing more than _____.

Options :

1. ✘ 2 percent of morphine
2. ✘ 0.05 percent of cocaine
3. ✘ 5 percent of morphine
4. ✔ 0.2 percent of morphine

Question Number : 115 Question Id : 630680221510 Option Shuffling : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

According to the Drugs and Cosmetics Act 1940 (Rules 1945), if any person wilfully obstructs an Inspector in the exercise of the powers conferred upon him, he shall be punishable with imprisonment which may extend to _____.

Options :

1. ✘ seven years
2. ✘ two years
3. ✘ five years
4. ✔ three years

Question Number : 116 Question Id : 630680221511 Option Shuffling : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

As per the guidance document on Medical Devices by MoHFW, Government of India, the operation instructions for a medical device that emits radiation must include detailed information about which of the following factors?

- I. The nature of the radiation emitted
- II. Ways to avoid misusing the device

Options :

1. ✘ Only I
2. ✘ Only II
3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 117 Question Id : 630680221512 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

As per the Drugs and Cosmetics Act 1940 (Rules 1945), which of the following statements is correct regarding the Drugs Consultative Committee?

I. The committee shall have power to regulate its own procedure.

II. The committee shall consist of four representatives of the Central Government to be nominated by that Government.

Options :

1. ✔ Only I

2. ✖ Only II

3. ✖ Both I and II

4. ✖ Neither I nor II

Question Number : 118 Question Id : 630680221513 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The Drugs Technical Advisory Board consists of which of the following members?

- I. The President of Medical Council of India
- II. The Director of the Central Drugs Laboratory, Calcutta
- III. The President of the Pharmacy Council of India

Options :

- 1. ✘ Only I
- 2. ✘ Only II and III
- 3. ✔ I, II and III
- 4. ✘ Only I and II

Question Number : 119 Question Id : 630680221514 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

With reference to the Narcotic Drugs and Psychotropic Substances (NDPS) Act, 1985, consider the following statements.

- I. This act applies to all persons on ships and aircrafts registered in India.
- II. The statutory control over narcotic drugs is exercised in India through a number of Central and State enactments.
- III. This act talks about the National Fund for Control of Drug Abuse.

Which of the given statements is correct?

Options :

- 1. ✘ Only I and III

2. ✘ Only I and II

3. ✔ I, II and III

4. ✘ Only I

Question Number : 120 Question Id : 630680221515 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

With reference to Narcotic Drugs and Psychotropic Substances Act 1985, match the following and choose the correct option.

	Chapters		Description
I	Chapter V	1	Procedure
II	Chapter II	2	Authorities and officers
III	Chapter IV	3	Offences and Penalties

Options :

1. ✘ I-2, II-1, III-3

2. ✔ I-1, II-2, III-3

3. ✘ I-3, II-2, III-1

4. ✘ I-2, II-3, III-1

Question Number : 121 Question Id : 630680221516 Option Shuffling : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Considering the Chapter III of the Drugs and Cosmetics Act 1940, which of the following is correctly paired?

- I. Section 9A: Spurious drugs
- II. Section 9B: Adulterated drugs
- III. Section 9C: Misbranded cosmetics

Options :

- 1. ✘ I and III only
- 2. ✘ I and II only
- 3. ✘ I, II and III
- 4. ✔ Only III

Question Number : 122 Question Id : 630680221517 Option Shuffling : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

According to the Drugs and Cosmetics Rules 1945, which of the following is correctly paired?

- I. Form of receipt for seized cosmetics: Form 10
- II. Form of intimation for purpose of taking samples of cosmetics: Form 17
- III. Form of order not to dispose of stocks of cosmetics: Form 15

Options :

- 1. ✔ II and III only

2. ✘ I and II only

3. ✘ I, II and III

4. ✘ Only II

Question Number : 123 Question Id : 630680221518 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following provisions of the Drugs and Cosmetics Act, 1940, in the increasing order of their sections.

A. Offences by Government departments

B. Protection of action taken in good faith

C. Magistrates power to impose enhanced penalties

Options :

1. ✘ A-B-C

2. ✘ B-A-C

3. ✘ C-A-B

4. ✔ A-C-B

Question Number : 124 Question Id : 630680221519 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following sections of the Prohibition, control and regulation chapter of the Narcotic Drugs and Psychotropic Substances Act 1985, in the increasing order.

- A. Prohibition of certain activities relating to property derived from Offence.
- B. Restrictions over external dealings in narcotic drugs and psychotropic substances.
- C. Narcotic drugs and psychotropic substances, etc., not liable to distress or attachment.

Options :

1. ✘ A-B-C

2. ✘ B-A-C

3. ✔ A-C-B

4. ✘ C-B-A

Question Number : 125 Question Id : 630680221520 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

As per schedule T of Drugs and Cosmetic Rules 1945, arrange the following categories of medicine in the decreasing order of the minimum manufacturing space required by them.

- A. Anjana/Pisti
- B. Asava / Arishta
- C. Panak, Syrup / Pravahi Kwath Manapaku

Options :

1. ✔ B-C-A

2. ✘ A-B-C

3. ✘ C-A-B

4. ✘ B-A-C

Question Number : 126 Question Id : 630680221521 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

According to the Drugs and Cosmetics Rules, 1945, a Periodic safety update report (PSUR) should be structured in a particular way. Arrange the following as per the defined structure.

- A. Update of actions taken for safety reasons
- B. Changes to reference safety information
- C. Current worldwide market authorization status

Options :

1. ✔ C-A-B

2. ✘ A-C-B

3. ✘ A-B-C

4. ✘ B-C-A

Question Number : 127 Question Id : 630680221522 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following chapters of the Drugs and Cosmetics Act, 1940 as they appear in the act from top to bottom.

- A. Import of drugs and cosmetics
- B. Provisions relating to ayurvedic siddha and unani drugs
- C. Manufacture, sale and distribution of drugs and cosmetics

Options :

1. ✘ B-C-A

2. ✘ A-B-C

3. ✔ A-C-B

4. ✘ B-A-C

Question Number : 128 Question Id : 630680221523 Option Shuffling : Yes Is Question

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

Time : 0

Correct Marks : 2 Wrong Marks : 0

Considering the rules for clinical trials mentioned in the Drugs and Cosmetics Rules, 1945, identify the correct order of the given phases from I to IV.

Options :

1. ✘ Human Pharmacology - Therapeutic confirmatory trials - Therapeutic exploratory trials - Post Marketing Trials

2. ✘ Therapeutic exploratory trials - Post Marketing Trials - Human Pharmacology - Therapeutic confirmatory trials

3. ✔ Human Pharmacology - Therapeutic exploratory trials - Therapeutic confirmatory trials - Post Marketing Trials

4. ✘ Therapeutic exploratory trials - Therapeutic confirmatory trials - Post Marketing Trials - Human Pharmacology

Question Number : 129 Question Id : 630680221524 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Penicillin was first used clinically in year _____.

Options :

1. ✘ 1939

2. ✘ 1932

3. ✘ 1951

4. ✔ 1941

Question Number : 130 Question Id : 630680221525 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct regarding Benzylpenicillin?

- I. It can be considered to be the parent compound of the penicillin family.
- II. It is active against gram-positive bacteria, gram-negative cocci, actinomycetes and spirochaetes.
- III. It is inactivated by penicillinase-producing bacteria.

Options :

1.

✘ Only II and III

2. ✘ Only I and II

3. ✘ Only III

4. ✔ I, II and III

Question Number : 131 Question Id : 630680221526 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

What is the molecular formula of drug 'Aureomycin'?

Options :

1. ✘ $C_{22}H_{22}ClN_2O_2$

2. ✔ $C_{22}H_{22}ClN_2O_8$

3. ✘ $C_{22}H_{22}ClN_2O_4$

4. ✘ $C_{22}H_{22}ClN_2O_{22}$

Question Number : 132 Question Id : 630680221527 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

By intramuscular route, what is the usual dose of Tetracycline Hydrochloride, BP, IP?

Options :

1. ✘ 1500 mg to 2000 mg daily in divided doses
2. ✔ 200 mg to 300 mg daily in divided doses
3. ✘ 1000 mg to 1200 mg daily in divided doses
4. ✘ 2000 mg to 2400 mg daily in divided doses

Question Number : 133 Question Id : 630680221528 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Ampicillin is kept in an airtight container and stored at a temperature not exceeding _____.

Options :

1. ✘ 45 degree
2. ✔ 30 degree
3. ✘ 55 degree
4. ✘ 62 degree

Question Number : 134 Question Id : 630680221529 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following cephalosporins in the chronological order of their generations (first to third generation).

P. Cefamandole

Q. Cefotaxime

R. Cefapirin

Options :

1. ✘ P, Q, R

2. ✘ P, R, Q

3. ✔ R, P, Q

4. ✘ Q, R, P

Question Number : 135 Question Id : 630680221530 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct about Mustine Hydrochloride?

I. It is hygroscopic and vesicant.

II. It is employed in the treatment of advanced Hodgkin's disease.

III. It is given by intravenous injection, infused with normal saline, in dose of 6 mg/m².

Options :

1. ✔ I, II and III

2. ✘ Only I and II

3. ✘ Only III

4. ✘ Only II

Question Number : 136 Question Id : 630680221531 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct regarding Erythromycin?

I. It was discovered in 1952.

II. It is used to treat diphtheria.

III. It is also employed as an alternative to penicillins in penicillin – allergic patients.

Options :

1. ✘ Only I and III

2. ✘ Only II and III

3. ✘ Only I and II

4. ✔ I, II and III

Question Number : 137 Question Id : 630680221532 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of clinical utility of anti-tubercular drugs, which pair of 'category : drug name' is correct?

I. First line drug : Isoniazid (H)

II. Second line drug : Rifampin (R)

Options :

1. ✓ Only I
2. ✗ Only II
3. ✗ Both I and II
4. ✗ Neither I nor II

Question Number : 138 Question Id : 630680221533 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is the fluoroquinolone?

Options :

1. ✗ Ethambutol
2. ✗ Rifampin
3. ✓ Ofloxacin
4. ✗ Kanamycin

Question Number : 139 Question Id : 630680221534 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct regarding the putative mechanisms of anti-leprotic action of clofazimine?

- I. Interference with template function of DNA in *M.leprae*.
- II. Alteration of membrane structure and its transport function.

Options :

- 1. ✘ Only I
- 2. ✘ Only II
- 3. ✔ Both I and II
- 4. ✘ Neither I nor II

Question Number : 140 Question Id : 630680221535 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct regarding Miconazole Nitrate, BP, IP?

- I. Miconazole and Hydrocortisone cream, BP is one of its preparations.
- II. It is used for the treatment of Vaginal Candidiasis.

Options :

- 1. ✘ Only I
- 2. ✘ Only II

3. ✓ Both I and II

4. ✗ Neither I nor II

Question Number : 141 Question Id : 630680221536 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of antiviral drugs, match the following.

	Classification of Anti-viral drugs		Drug name
I	Anti-Influenza virus	1	Amantadine
II	Anti-Herpes virus	2	Tenofovir
III	Anti-Hepatitis virus	3	Cidofovir

Options :

1. ✗ I-2, II-3, III-1

2. ✗ I-2, II-1, III-3

3. ✓ I-1, II-3, III-2

4. ✗ I-1, II-2, III-3

Question Number : 142 Question Id : 630680221537 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following antiviral drug is primarily for hepatitis B?

Options :

1. ✘ Foscarnet
2. ✔ Lamivudine
3. ✘ Ribavirin
4. ✘ Zanamivir

Question Number : 143 Question Id : 630680221538 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct regarding Diethylcarbamazine Citrate, BP, IP?

- I. Diethylcarbamazine is readily absorbed from the gastrointestinal tract.
- II. The plasma half-life varies from 30 to 40 hours, depending upon urinary pH.

Options :

1. ✔ Only I
2. ✘ Only II
3. ✘ Both I and II
4. ✘ Neither I nor II

Question Number : 144 Question Id : 630680221539 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following anthelmintic drug used in cestode infections?

Options :

1. ✓ Dichlorophen, BP
2. ✗ Cyclophosphamide, BP, IP
3. ✗ Ifosfamide, BP
4. ✗ Levamisole Hydrochloride, BP, IP

Question Number : 145 Question Id : 630680221540 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The molecular weight of drug 'Metronidazole' is _____.

Options :

1. ✓ 171.15
2. ✗ 349.04
3. ✗ 112.25
4. ✗ 287.17

Question Number : 146 Question Id : 630680221541 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of hypersensitivity, arrange the following type of reactions in correct order (from type I to type IV).

P. Cytotoxic

Q. Immune complex

R. Anaphylactic

S. Cell-mediated or delayed type

Options :

1. ✓ R, P, Q, S

2. ✗ P, R, Q, S

3. ✗ P, Q, R, S

4. ✗ R, Q, P, S

Question Number : 147 Question Id : 630680221542 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

What is the example of 'immune complex' a type III hypersensitivity reaction?

Options :

1. ✗ Rh incompatibility

2.

✘ Transfusion reactions

3. ✔ Serum sickness

4. ✘ Asthma

Question Number : 148 Question Id : 630680221543 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Some antibodies stick to the surface of the microbes and make them more susceptible to phagocytosis. Such antibodies are called _____.

Options :

1. ✘ Bacteriolysins

2. ✘ Antitoxins

3. ✔ Opsonins

4. ✘ Precipitins

Question Number : 149 Question Id : 630680221544 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which statement is correct regarding drug Ivermectin BP?

Options :

1. ✓ It is practically insoluble in water.
2. ✗ It is green crystalline powder.
3. ✗ It has terminal half-life of about 2 hours in adults.
4. ✗ Its peak levels in plasma are achieved within 24-36 hours after oral administration.

Question Number : 150 Question Id : 630680221545 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The usual dose range of emetine hydrochloride by subcutaneous or intramuscular injection is _____.

Options :

1. ✗ 180 to 240 mg daily
2. ✗ 200 to 300 mg daily
3. ✗ 140 to 150 mg daily
4. ✓ 30 to 60 mg daily