

National Testing Agency

Question Paper Name :	Veterinary Pharmacology and Toxicology 23rd Sep 2020 Shift 2 Set 2
Subject Name :	Veterinary Pharmacology and Toxicology
Creation Date :	2020-09-23 19:33:37
Duration :	120
Total Marks :	480
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Share Answer Key With Delivery Engine :	Yes
Actual Answer Key :	Yes

Veterinary Pharmacology and Toxicology

Group Number :	1
Group Id :	71087029
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	480
Is this Group for Examiner? :	No

Part A General Knowledge

Section Id :	71087085
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory

Number of Questions :	20
Number of Questions to be attempted :	20
Section Marks :	80
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	71087085
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 7108703421 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which one of the following crops is a commercial crop in Punjab and Haryana but is a subsistence crop in Orissa?

1. Tea
2. Cotton
3. Rubber
4. Rice

Options :

71087013681. 1
71087013682. 2
71087013683. 3
71087013684. 4

Question Number : 2 Question Id : 7108703422 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which of the following are the two most important wheat-growing zones of the country?

- A. Ganga-Satluj plains in the north-west
- B. Deltaic regions
- C. Black soil region of the Deccan
- D. Plains of north-east

Choose the **correct** answer from the options below:

- 1. Only A and B
- 2. Only B and C
- 3. Only C and D
- 4. Only A and C

Options :

- 71087013685. 1
- 71087013686. 2
- 71087013687. 3
- 71087013688. 4

Question Number : 3 Question Id : 7108703423 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Indian agriculture is typically characterized as

- 1. Land surplus, labour scarce economy
- 2. Land surplus, labour surplus economy
- 3. Land scarce, labour surplus economy
- 4. Land scarce, labour scarce economy

Options :

- 71087013689. 1

71087013690. 2

71087013691. 3

71087013692. 4

Question Number : 4 Question Id : 7108703424 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following countries is the main rival of India in tea export?

1. China
2. Japan
3. Germany
4. Sri Lanka

Options :

71087013693. 1

71087013694. 2

71087013695. 3

71087013696. 4

Question Number : 5 Question Id : 7108703425 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement A: MSP is declared by the government every year to provide incentives to the farmers for raising the production of crops.

Statement B: Buffer stock is created to distribute food grains in the deficit areas and among the poorer strata of the society at the lower price than the market price.

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both Statement A and Statement B are correct
2. Both Statement A and Statement B are incorrect
3. Statement A is correct but Statement B is incorrect
4. Statement A is incorrect but Statement B is correct

Options :

71087013697. 1

71087013698. 2

71087013699. 3

71087013700. 4

Question Number : 6 Question Id : 7108703426 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following is a global association of nations of the world to help cooperation in international law, security, economic development and social equity?

1. United Nations Organization
2. International Monetary Fund
3. World Bank
4. World Health Organization

Options :

- 71087013701. 1
- 71087013702. 2
- 71087013703. 3
- 71087013704. 4

Question Number : 7 Question Id : 7108703427 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Under the Ganga Action Plan Phase II, pollution abatement works are being taken up in how many towns?

- 1. 57
- 2. 65
- 3. 52
- 4. 69

Options :

- 71087013705. 1
- 71087013706. 2
- 71087013707. 3
- 71087013708. 4

Question Number : 8 Question Id : 7108703428 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following statements is **incorrect**?

- 1. The highest number of pigs in the world are found in India
- 2. Uttar Pradesh provides largest amount of pork
- 3. Assam has the largest number of pork producing pigs
- 4. Pork constitutes about 7.6% of the total meat produced in India

Options :

71087013709. 1
71087013710. 2
71087013711. 3
71087013712. 4

Question Number : 9 Question Id : 7108703429 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which type of N-fertilizer is suitable for water-logged soils?

1. Zinc Phosphate
2. Ammonium Sulphate
3. Calcium
4. Potassium Nitrate

Options :

71087013713. 1
71087013714. 2
71087013715. 3
71087013716. 4

Question Number : 10 Question Id : 7108703430 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

The famous Bailadila range of hills in the Bastar district of Chhattisgarh is famous for its

1. Bauxite deposits
2. Manganese deposits
3. Copper deposits
4. High-grade haematite deposits

Options :

71087013717. 1

71087013718. 2

71087013719. 3

71087013720. 4

Question Number : 11 Question Id : 7108703431 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

A farmer wishes to start a 100 sq. m rectangular vegetable garden. Since he has only 30m barbed wire, he fences three sides of the garden letting his house compound wall act as the fourth side fencing. What is the dimension of the garden?

1. 15 m x 6.67m
2. 20 m x 5 m
3. 30 m x 3.33 m
4. 40 m x 2.5 m

Options :

71087013721. 1

71087013722. 2

71087013723. 3

71087013724. 4

Question Number : 12 Question Id : 7108703432 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In which one of the following industries, the consumption of natural rubber is the largest?

1. Auto tyres and tubes
2. Footwear
3. Dipped goods
4. Latex foam

Options :

71087013725. 1
71087013726. 2
71087013727. 3
71087013728. 4

Question Number : 13 Question Id : 7108703433 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following countries was the partner country of 34th Surajkund International Crafts Fair held in Haryana?

1. China
2. Nepal
3. Bhutan
4. Uzbekistan

Options :

71087013729. 1
71087013730. 2
71087013731. 3
71087013732. 4

Question Number : 14 Question Id : 7108703434 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Nobel laureate Abhijit Vinayak Banerjee was conferred the honorary Doctor of Letters (D. Litt.) by which University?

1. University of Delhi
2. University of Kolkata
3. University of Mumbai
4. University of Hyderabad

Options :

- 71087013733. 1
- 71087013734. 2
- 71087013735. 3
- 71087013736. 4

Question Number : 15 Question Id : 7108703435 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Where is the headquarters of European Union?

- 1. Geneva, Switzerland
- 2. Washington D.C., USA
- 3. New York, US
- 4. Brussels, Belgium

Options :

- 71087013737. 1
- 71087013738. 2
- 71087013739. 3
- 71087013740. 4

Question Number : 16 Question Id : 7108703436 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which of the following would be deficient if one finds high somatic cell count in the cow's milk?

- 1. Butterfat
- 2. Whey protein
- 3. Casein
- 4. Trace minerals

Options :

- 71087013741. 1
- 71087013742. 2
- 71087013743. 3
- 71087013744. 4

Question Number : 17 Question Id : 7108703437 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Who was the first administrator-statesman to attempt planning as a means for economic development?

- 1. C. Rajagopalachari
- 2. V. T. Krishnamachari
- 3. M. Viswesvarayya
- 4. Sir C. P. Ramaswami Aiyar

Options :

- 71087013745. 1
- 71087013746. 2
- 71087013747. 3
- 71087013748. 4

Question Number : 18 Question Id : 7108703438 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Amazon rainforest span over nine countries. In August 2019, in which country did a deadly fire broke out in the Amazon forest?

- 1. Brazil
- 2. Venezuela
- 3. Colombia
- 4. Argentina

Options :

- 71087013749. 1
- 71087013750. 2
- 71087013751. 3
- 71087013752. 4

Question Number : 19 Question Id : 7108703439 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Economic liberalization in India started with

- 1. Sustainable changes in industrial licensing policy
- 2. The convertibility of the Indian Rupee
- 3. Significant reduction of tax rates
- 4. Changes in procedural formalities for FDI

Options :

- 71087013753. 1
- 71087013754. 2
- 71087013755. 3
- 71087013756. 4

Question Number : 20 Question Id : 7108703440 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The term 'Delimitation' which was in news recently is associated with which process?

- 1. Fixing the limit of Income tax
- 2. Fixing limits of Affordable housing
- 3. Fixing limits of Territorial constituencies
- 4. Fixing limits of Chairpersons salary

Options :

- 71087013757. 1

71087013758. 2
71087013759. 3
71087013760. 4

Part B Core Veterinary and Animal Sciences-III

Section Id :	71087086
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	71087086
Question Shuffling Allowed :	Yes

**Question Number : 21 Question Id : 7108703441 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

The Vertebral formula of Ox is

1. C₇ T₁₃ L₆ S₍₅₎ Cy₁₈₋₂₀
2. C₇ T₁₈ L₆ S₍₅₎ Cy₁₅₋₂₁
3. C₇ T₁₃ L₇ S₍₃₎ Cy₁₈₋₂₃
4. C₇ T₁₃₋₁₄ L₆₋₇ S₍₄₎ Cy₁₅

Options :

71087013761. 1
71087013762. 2

71087013763. 3

71087013764. 4

Question Number : 22 Question Id : 7108703442 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Trochanter tertius is present in the femur of

1. Horse
2. Ox
3. Dog
4. Pig

Options :

71087013765. 1

71087013766. 2

71087013767. 3

71087013768. 4

Question Number : 23 Question Id : 7108703443 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The largest salivary gland in horse is

1. Parotid
2. Mandibular
3. Sublingual
4. Zygomatic

Options :

71087013769. 1

71087013770. 2

71087013771. 3

71087013772. 4

Question Number : 24 Question Id : 7108703444 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The IIIrd and IVth metacarpals get fused to form large metacarpal in

1. Horse
2. Ox
3. Dog
4. Pig

Options :

71087013773. 1
71087013774. 2
71087013775. 3
71087013776. 4

Question Number : 25 Question Id : 7108703445 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Odontoid process is present in

1. Atlas
2. Axis
3. 6th cervical vertebra
4. Typical cervical vertebra

Options :

71087013777. 1
71087013778. 2
71087013779. 3
71087013780. 4

Question Number : 26 Question Id : 7108703446 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Mediastinum testis is absent in

1. Bull
2. Boar
3. Sow
4. Horse

Options :

71087013781. 1
71087013782. 2
71087013783. 3
71087013784. 4

Question Number : 27 Question Id : 7108703447 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Thyroid follicles are lined with

1. Simple squamous epithelium
2. Simple cuboidal epithelium
3. Simple columnar epithelium
4. Pseudostratified columnar epithelium

Options :

71087013785. 1
71087013786. 2
71087013787. 3
71087013788. 4

Question Number : 28 Question Id : 7108703448 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The first branch of aorta is

1. Common carotid artery
2. Coronary artery
3. Common brachiocephalic artery
4. Bronchial artery

Options :

71087013789. 1

71087013790. 2

71087013791. 3

71087013792. 4

Question Number : 29 Question Id : 7108703449 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The facial crest is prominent and is used as landmark to record pulse rate in

1. Horse
2. Ox
3. Dog
4. Pig

Options :

71087013793. 1

71087013794. 2

71087013795. 3

71087013796. 4

Question Number : 30 Question Id : 7108703450 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A sickle-shaped fold of dura mater, situated in the longitudinal fissure between the two cerebral hemispheres is called

1. Falx cerebri
2. Tentorium cerebelli
3. Tela choroidea
4. Sella turcica

Options :

71087013797. 1
71087013798. 2
71087013799. 3
71087013800. 4

Question Number : 31 Question Id : 7108703451 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following indices most correctly represents a margin of safety but is least practically applied?

1. Therapeutic Index
2. Certain Safety Factor
3. Therapeutic Ratio
4. Dose Ratio

Options :

71087013801. 1
71087013802. 2
71087013803. 3
71087013804. 4

Question Number : 32 Question Id : 7108703452 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Atropine causes

1. Miosis, a reduction in intraocular pressure and cyclospasm
2. Mydriasis, a rise in intraocular pressure and cycloplegia
3. Miosis, a rise in intraocular pressure and cycloplegia
4. Mydriasis, a rise in intraocular pressure and cyclospasm

Options :

71087013805. 1

71087013806. 2

71087013807. 3

71087013808. 4

Question Number : 33 Question Id : 7108703453 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Drug of choice for the treatment of Zollinger Ellison Syndrome is

1. Famotidine
2. Omeprazole
3. Lansoprazole
4. Cimetidine

Options :

71087013809. 1

71087013810. 2

71087013811. 3

71087013812. 4

Question Number : 34 Question Id : 7108703454 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Methylxanthine derivatives produce diuretic action by

1. Inhibiting Na^+ - Cl^- exchange at distal convoluted tubules
2. Enhancing renal blood flow
3. Decreasing water absorption in descending loop of Henle
4. Blocking Na^+ channels ion collecting ducts

Options :

71087013813. 1

71087013814. 2

71087013815. 3

71087013816. 4

Question Number : 35 Question Id : 7108703455 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following is the long-acting corticosteroid?

1. Corticosone
2. Triamcinolone
3. Betamethasone
4. Prednisolone

Options :

71087013817. 1

71087013818. 2

71087013819. 3

71087013820. 4

Question Number : 36 Question Id : 7108703456 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Conversion of angiotensin I to angiotensin II is catalysed by

1. Angiotensin converting enzyme
2. Amino peptidase enzyme
3. Phospholipase enzyme
4. Cyclooxygenase enzyme

Options :

71087013821. 1
71087013822. 2
71087013823. 3
71087013824. 4

Question Number : 37 Question Id : 7108703457 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Chemically, cephalosporin nucleus is

1. 7-aminocephalosporanic acid
2. 3-aminocephalosporanic acid
3. 7-Hydroxycephalosporanic acid
4. 3-amino-4 methyl-cephalosporanic acid

Options :

71087013825. 1
71087013826. 2
71087013827. 3
71087013828. 4

Question Number : 38 Question Id : 7108703458 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Fenvalerate belongs to which one of the following classes of insecticides?

1. Carbamate insecticides
2. Synthetic Pyrethroid insecticide Type I
3. Synthetic Pyrethroid insecticide Type II
4. Organophosphate insecticide

Options :

71087013829. 1

71087013830. 2

71087013831. 3

71087013832. 4

Question Number : 39 Question Id : 7108703459 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The response in case of drug-enzymatic receptor interaction occurs within

1. Milliseconds
2. Seconds
3. Minutes
4. Hours to days

Options :

71087013833. 1

71087013834. 2

71087013835. 3

71087013836. 4

Question Number : 40 Question Id : 7108703460 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following non-steroidal anti-inflammatory drug has the highest COX-2 IC50/
COX-1 IC50?

1. Meloxicam
2. Piroxicam
3. Nimesulide
4. Paracetamol

Options :

71087013837. 1
71087013838. 2
71087013839. 3
71087013840. 4

**Question Number : 41 Question Id : 7108703461 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

Central venous pressure is a direct measure of

1. Afterload
2. Blood pressure in the cranial vena cava
3. Preload
4. Venous blood volume

Options :

71087013841. 1
71087013842. 2
71087013843. 3
71087013844. 4

**Question Number : 42 Question Id : 7108703462 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

The calculated ratio of the density of a local anaesthetic solution to the density of CSF is

1. Isobaricity
2. Hypobaricity
3. Baricity
4. Hyperbaricity

Options :

71087013845. 1
71087013846. 2
71087013847. 3
71087013848. 4

Question Number : 43 Question Id : 7108703463 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The addition of sodium bicarbonate to procaine, mepivacaine and lidocaine will

1. Enhance the onset of nerve block
2. Shorten the onset of nerve block
3. Not change in the onset of nerve block
4. Enhance the onset and depth of nerve block

Options :

71087013849. 1
71087013850. 2
71087013851. 3
71087013852. 4

Question Number : 44 Question Id : 7108703464 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

A long scale of contrast for an abdominal view may be achieved by

1. Low kVp and high mAs
2. High kVp and high mAs
3. High kVp and low mAs
4. Low kVp and low mAs

Options :

71087013853. 1

71087013854. 2

71087013855. 3

71087013856. 4

Question Number : 45 Question Id : 7108703465 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The most common type of shoulder luxation noticed in dogs is

1. Cranial
2. Lateral
3. Medial
4. Caudal

Options :

71087013857. 1

71087013858. 2

71087013859. 3

71087013860. 4

Question Number : 46 Question Id : 7108703466 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The bone disease characterized by medullary fibrosis as well as both endosteal and subperiosteal new bone deposition is called

1. Panosteitis
2. Osteodystrophy
3. Osteopathy
4. Osteomyelitis

Options :

71087013861. 1
71087013862. 2
71087013863. 3
71087013864. 4

Question Number : 47 Question Id : 7108703467 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Appearance of a dog suffering with ptosis can be improved by shortening

1. Frontalis muscle
2. Aponeurosis of frontalis muscle
3. Levator palpebrae muscle
4. Orbicularis oculi muscle

Options :

71087013865. 1
71087013866. 2
71087013867. 3
71087013868. 4

Question Number : 48 Question Id : 7108703468 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following is NOT an expiratory muscle?

1. External intercostal
2. Internal intercostal
3. Rectus abdominis
4. Diaphragm

Options :

71087013869. 1
71087013870. 2
71087013871. 3
71087013872. 4

Question Number : 49 Question Id : 7108703469 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Synthetic vascular grafts are best suited for

1. Large veins
2. Larger arteries
3. Small veins
4. Small arteries

Options :

71087013873. 1
71087013874. 2
71087013875. 3
71087013876. 4

Question Number : 50 Question Id : 7108703470 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The kidney in the ox has

1. 12-14 lobes
2. 15-16 lobes
3. 18-20 lobes
4. 22-24 lobes

Options :

71087013877. 1
71087013878. 2
71087013879. 3
71087013880. 4

Question Number : 51 Question Id : 7108703471 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Fiberoptic gastro duodenoscopy is a practical procedure in a sedated horse that has had no feed for

1. 1 to 5 hours
2. 6 to 8 hours
3. 12 to 24 hours
4. 9 to 11 hours

Options :

71087013881. 1
71087013882. 2
71087013883. 3
71087013884. 4

Question Number : 52 Question Id : 7108703472 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following viral diseases does NOT cause secondary abomasal ulceration in cattle?

1. Foot and Mouth disease
2. Rinderpest
3. Bovine virus diarrhoea
4. Bovine malignant catarrh

Options :

71087013885. 1
71087013886. 2
71087013887. 3
71087013888. 4

Question Number : 53 Question Id : 7108703473 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Aspiration pneumonia is the consistent lesion of crude oil poisoning in

1. Cattle
2. Sheep
3. Goat
4. Horse

Options :

71087013889. 1
71087013890. 2
71087013891. 3
71087013892. 4

Question Number : 54 Question Id : 7108703474 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Dermatitis due to sarcoptic mange is most important in

1. Cattle
2. Sheep and goat
3. Pigs
4. Dogs

Options :

71087013893. 1
71087013894. 2
71087013895. 3
71087013896. 4

Question Number : 55 Question Id : 7108703475 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In cobalt deficiency, one injection of B₁₂, 1.0 mg in lambs provides protection to lambs for a period of

1. 14 weeks
2. One week
3. Three weeks
4. One month

Options :

71087013897. 1
71087013898. 2
71087013899. 3
71087013900. 4

Question Number : 56 Question Id : 7108703476 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Amitraz is widely used in most-species but is prohibited in

1. Bovines
2. Caprines
3. Ovines
4. Equines

Options :

71087013901. 1
71087013902. 2
71087013903. 3
71087013904. 4

Question Number : 57 Question Id : 7108703477 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Bovine tropical theileriosis in India is caused by

1. *Theileria parva*
2. *Theileria mutans*
3. *Theileria annulata*
4. *Theileria lestoquardi*

Options :

71087013905. 1
71087013906. 2
71087013907. 3
71087013908. 4

Question Number : 58 Question Id : 7108703478 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Prevention of Cruelty to Animals Act was enacted in the year

1. 1947
2. 1957
3. 1960
4. 1955

Options :

71087013909. 1
71087013910. 2
71087013911. 3
71087013912. 4

Question Number : 59 Question Id : 7108703479 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following metabolic reactions does NOT occur in acute intestinal obstruction in cattle?

1. Hypochloremia
2. Hypokalemia
3. Metabolic alkalosis
4. Metabolic acidosis

Options :

71087013913. 1
71087013914. 2
71087013915. 3
71087013916. 4

Question Number : 60 Question Id : 7108703480 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following primary drugs is NOT used for elephant tuberculosis?

1. Isoniazid
2. Rifampin
3. Levofloxacin
4. Ceftiofur sodium

Options :

71087013917. 1

71087013918. 2

71087013919. 3

71087013920. 4

Question Number : 61 Question Id : 7108703481 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Rabbits	I. 16 to 18 months, puberty age
B. Sheep	II. 3 to 4 months
C. Exotic cattle	III. 7 to 8 months
D. Horse	IV. 13 to 16 months for puberty

Choose the **correct** answer from the options given below:

1. A - II, B - III, C - I, D - IV
2. A - II, B - III, C - IV, D - I
3. A - III, B - II, C - IV, D - I
4. A - II, B - IV, C - I, D - III

Options :

71087013921. 1

71087013922. 2

71087013923. 3

71087013924. 4

Question Number : 62 Question Id : 7108703482 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Duration of estrus is longer in the mare than sow

Statement II: In farm animals, ovulation occurrence is followed by corpus luteum formation, and resulting in progesterone secretion

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

71087013925. 1

71087013926. 2

71087013927. 3

71087013928. 4

Question Number : 63 Question Id : 7108703483 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Identify the drawback of artificial insemination in farm animals

1. Genetic improvement is fast
2. Few thousand bulls can be multiplied
3. It is economical
4. Skilled trained manpower needed

Options :

71087013929. 1
71087013930. 2
71087013931. 3
71087013932. 4

Question Number : 64 Question Id : 7108703484 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The ejaculate of a normal male may contain a proportion of abnormal spermatozoa. The number of these will NOT depend upon

1. Age of the animal
2. Season of the year
3. Method of collection
4. Skill of the person, collecting semen

Options :

71087013933. 1
71087013934. 2
71087013935. 3
71087013936. 4

Question Number : 65 Question Id : 7108703485 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Comparative studies of cow and buffalo bull semen for chemical composition revealed that both are comparable in

1. Phosphatase activity
2. The absolute level of Na and P
3. Concentration of total reducing substances
4. Sialic acid concentration

Options :

71087013937. 1
71087013938. 2
71087013939. 3
71087013940. 4

Question Number : 66 Question Id : 7108703486 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

White heifer disease has which of the following signs and symptoms?

- A. Incompletely developed uterus
- B. Incompletely developed vagina
- C. Developed uterus and vagina
- D. Vulva and gonads are normal
- E. Gonads are normal, but uterus, vagina and vulva are incompletely developed

Choose the **correct** answer from the options given below:

1. A, B and D only
2. A, D and E only
3. C and D only
4. A and B only

Options :

- 71087013941. 1
- 71087013942. 2
- 71087013943. 3
- 71087013944. 4

Question Number : 67 Question Id : 7108703487 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Free martin is an infertile heifer born as co-twin with a female calf

Statement II: Free martin is an infertile heifer born as co-twin with a bull calf

In light of the above statements, choose the **most appropriate** answer from the options given below

- 1. Both Statement I and Statement II are correct
- 2. Both Statement I and Statement II are incorrect
- 3. Statement I is correct but Statement II is incorrect
- 4. Statement I is incorrect but Statement II is correct

Options :

- 71087013945. 1
- 71087013946. 2
- 71087013947. 3
- 71087013948. 4

Question Number : 68 Question Id : 7108703488 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Incidence of cystic ovaries is high in exotic cows in India

Statement II: Nymphomaniac case may have animals with periods of intense heat at frequent intervals or permanent heat

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

71087013949. 1

71087013950. 2

71087013951. 3

71087013952. 4

Question Number : 69 Question Id : 7108703489 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The degree of initial motility is empirically expressed as which one of the following?

1. Four plus [++++] denotes 40-60% spermatozoa with vigorous progressive movement
2. Three plus [+++] indicates 30-40% spermatozoa with vigorous progressive movement
3. Four plus [++++] denotes 60-80% spermatozoa with vigorous progressive movement as indicated by waves
4. One plus [+] indicates more than 30% spermatozoa with low progressive motion

Options :

71087013953. 1

71087013954. 2
71087013955. 3
71087013956. 4

Question Number : 70 Question Id : 7108703490 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. FSH	I. Dulbecco's buffered saline
B. Morula	II. Cryoprotective agent
C. Glycerol	III. 32 cells
D. Uterine flushing	IV. Pluset

Choose the **correct** answer from the options given below:

1. A - I, B - III, C - II, D - IV
2. A - II, B - III, C - I, D - IV
3. A - IV, B - III, C - II, D - I
4. A - IV, B - III, C - I, D - II

Options :

71087013957. 1
71087013958. 2
71087013959. 3
71087013960. 4

Part C Veterinary Pharmacology and Toxicology

Section Id :

71087087

Section Number :

3

Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	71087087
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 7108703491 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Xylazine induces sedation and analgesia through α_{2A} receptors

Statement II: In ruminants, presence of α_{2D} receptors makes them less sensitive to sedation by xylazine

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

71087013961. 1
71087013962. 2
71087013963. 3

71087013964. 4

Question Number : 72 Question Id : 7108703492 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Ketamine is a dissociative anaesthetic agent

Statement II: Its CNS effect is due to stimulation of NMDA receptors operated calcium channels

In light of the above statements, choose the ***most appropriate*** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

71087013965. 1

71087013966. 2

71087013967. 3

71087013968. 4

Question Number : 73 Question Id : 7108703493 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Aspirin acts as antiplatelet aggregating agent

Statement II: Antiaggregating action of aspirin occurs due to its inhibiting action on synthesis of thromboxane A₂

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

71087013969. 1

71087013970. 2

71087013971. 3

71087013972. 4

Question Number : 74 Question Id : 7108703494 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Loperamide acts upon μ receptors in GIT and is used as spasmolytic agent

Statement II: Its antisecretory activity is due to its direct action on light myosin filaments

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

71087013973. 1

71087013974. 2

71087013975. 3

71087013976. 4

Question Number : 75 Question Id : 7108703495 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Calcitonin is a polypeptide secreted by B-cells of the thyroid gland

Statement II: The effect of calcitonin is opposite to that of parathyroid hormone

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

71087013977. 1

71087013978. 2

71087013979. 3

71087013980. 4

Question Number : 76 Question Id : 7108703496 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: NO mediates its effect through an increase in cGMP

Statement II: Co-administration of NO donor with a PDE 5 inhibitor is contraindicated as it may cause severe hypotension

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

71087013981. 1

71087013982. 2

71087013983. 3

71087013984. 4

Question Number : 77 Question Id : 7108703497 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Pergolide inhibits D1 and D2 receptors

Statement II: It is used to control Parkinson like tremors in equines

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

71087013985. 1

71087013986. 2

71087013987. 3

71087013988. 4

Question Number : 78 Question Id : 7108703498 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: H₂ receptors activate adenylyl cyclase – cAMP – protein kinase A through Gs protein

Statement II: H₂ receptors activate adenylyl cyclase – cAMP – protein kinase A through Gq protein

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

71087013989. 1

71087013990. 2

71087013991. 3

71087013992. 4

Question Number : 79 Question Id : 7108703499 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Binding of drugs to proteins is usually via weak bonds of the Van der Waals or hydrogen type

Statement II: Acidic drugs bind to α_1 – acid glycoproteins

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

71087013993. 1

71087013994. 2

71087013995. 3

71087013996. 4

Question Number : 80 Question Id : 7108703500 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: The co-substrate required for the Phase II Biotransformation reaction is PAPS

Statement II: Acetyl Co-A is used as co-substrate for Phase II Biotransformation reaction

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

71087013997. 1

71087013998. 2

71087013999. 3

71087014000. 4

Question Number : 81 Question Id : 7108703501 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Activation of Phospholipase C (PLC) results in the formation of the following second messengers

- A. Diacyl glycerol
- B. Cyclic AMP
- C. Cyclic GMP
- D. Inositol Triphosphate
- E. Inositol pentaphosphate

Choose the **correct** answer from the options given below:

- 1. A, B and C only
- 2. A, C and D only
- 3. A and D only
- 4. B and C only

Options :

- 71087014001. 1
- 71087014002. 2
- 71087014003. 3
- 71087014004. 4

Question Number : 82 Question Id : 7108703502 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Action of cAMP is prolonged by inhibition of which of the following enzymes?

- A. Adenyl cyclase
- B. Guanyl cyclase
- C. Phosphokinase
- D. Phosphodiesterase
- E. Protein Kinase

Choose the **correct** answer from the options given below:

- 1. A and E only
- 2. C and D only
- 3. D only
- 4. B and C only

Options :

- 71087014005. 1
- 71087014006. 2
- 71087014007. 3
- 71087014008. 4

Question Number : 83 Question Id : 7108703503 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Glutathione is composed of the following aminoacids

- A. Methionine
- B. Cysteine
- C. Glycine
- D. Proline
- E. Glutamate

Choose the **correct** answer from the options given below:

1. A, B and E only
2. B, C and D only
3. A, C and D only
4. B, C and E only

Options :

- 71087014009. 1
- 71087014010. 2
- 71087014011. 3
- 71087014012. 4

Question Number : 84 Question Id : 7108703504 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The long-acting neuromuscular blocking agents are

- A. Pancuronium
- B. d-tubocurarine
- C. Gallamine
- D. Doxacurium
- E. Succinylcholine

Choose the **correct** answer from the options given below:

- 1. B, C and E only
- 2. A, D and E only
- 3. A, C and E only
- 4. C, D and E only

Options :

- 71087014013. 1
- 71087014014. 2
- 71087014015. 3
- 71087014016. 4

Question Number : 85 Question Id : 7108703505 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Alkali Disease	I. Molybdenum
B. Pacing Disease	II. Chronic selenosis
C. Hemolytic crisis	III. Chronic cuprosis
D. Madness Syndrome	IV. Aldrin poisoning

Choose the **correct** answer from the options given below:

1. A - I, B - II, C - III, D - IV
2. A - II, B - I, C - IV, D - III
3. A - II, B - I, C - III, D - IV
4. A - I, B - II, C - IV, D - III

Options :

71087014017. 1

71087014018. 2

71087014019. 3

71087014020. 4

Question Number : 86 Question Id : 7108703506 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Sodium Nitrate	I. Red coloured urine
B. Hydrogen cyanide	II. Bright coloured blood
C. Picric acid	III. Chocolate coloured blood
D. Ptaquiloside	IV. Yellow coloured tissue

Choose the **correct** answer from the options given below:

1. A - II, B - I, C - III, D - IV
2. A - III, B - II, C - IV, D - I
3. A - III, B - II, C - I, D - IV
4. A - IV, B - III, C - I, D - II

Options :

71087014021. 1

71087014022. 2

71087014023. 3

71087014024. 4

Question Number : 87 Question Id : 7108703507 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Sorghum Poisoning	I. Speculated eye
B. Tetraorthocresyl Phosphate (TOCP)	II. Phosphine smell
C. Molybdenum poisoning	III. Delayed neurotoxicity
D. Zinc phosphide poisoning	IV. Cytotoxic anoxia

Choose the **correct** answer from the options given below:

1. A - III, B - IV, C - I, D - II
2. A - III, B - IV, C II- , D - I
3. A - IV, B - III, C - II, D - I
4. A - IV, B - III, C - I, D - II

Options :

71087014025. 1

71087014026. 2

71087014027. 3

71087014028. 4

Question Number : 88 Question Id : 7108703508 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Following are the β -Lactamase inhibitors

- A. Clavulanic acid
- B. Trimethoprim
- C. Sulbactam
- D. Ticarcillin
- E. Tazobactam

Choose the **correct** answer from the options given below:

- 1. A, B and C only
- 2. C, D and E only
- 3. A, C and E only
- 4. A, D and E only

Options :

- 71087014029. 1
- 71087014030. 2
- 71087014031. 3
- 71087014032. 4

Question Number : 89 Question Id : 7108703509 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following drugs is LTD4 blocker

- 1. Zafirlukast
- 2. Ibuprofen
- 3. Zileuton
- 4. Diclofenac

Options :

71087014033. 1
71087014034. 2
71087014035. 3
71087014036. 4

Question Number : 90 Question Id : 7108703510 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Corticosteroid therapy is constituted for the treatment of anaphylactic shock in animals

Statement II: Corticosteroids damage lysosomes

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

71087014037. 1
71087014038. 2
71087014039. 3
71087014040. 4

Question Number : 91 Question Id : 7108703511 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements, one is labelled as **Assertion A** and the other one is labelled as **Reason R**

Assertion A: Ethacrynic acid is a high ceiling diuretic used clinically for pulmonary edema

Reason R: Ethacrynic acid inhibits the exchange of sodium and chloride ions in the thick ascending loop

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both **A** and **R** are correct and **R** is the correct explanation of **A**
2. Both **A** and **R** are correct but **R** is **NOT** the correct explanation of **A**
3. **A** is correct but **R** is not correct
4. **A** is not correct but **R** is correct

Options :

71087014041. 1

71087014042. 2

71087014043. 3

71087014044. 4

Question Number : 92 Question Id : 7108703512 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which of the following are the rapidly absorbed and slowly excreted sulfonamides?

A. Sulfamethoxypyridazine

B. Sulfamethazine

C. Sulfomethoxime

D. Phthalylsulfathiazole

E. Sulfisoxazole

Choose the **correct** answer from the options given below:

1. A and D only

2. A and B only

3. A and C only

4. C and E only

Options :

71087014045. 1

71087014046. 2

71087014047. 3

71087014048. 4

Question Number : 93 Question Id : 7108703513 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Lipolysis inhibitor	I. Clofibrate
B. HMG-CoA inhibitor	II. Colestipol
C. Lipoprotein lipase activator	III. Niacin
D. Bile acid sequestrant	IV. Atorvastatin

Choose the **correct** answer from the options given below:

1. A - II, B - I, C - III, D - IV
2. A - III, B - IV, C - I, D - II
3. A - III, B - IV, C - II, D - I
4. A - II, B - III, C - IV, D - I

Options :

71087014049. 1

71087014050. 2

71087014051. 3

71087014052. 4

Question Number : 94 Question Id : 7108703514 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. H1 antagonist	I. Apafant
B. H2 antagonist	II. Ketanserin
C. 5-HT antagonist	III. Mepyramine maleate
D. Platelet-activating factor antagonist	IV. Famotidine

Choose the **correct** answer from the options given below:

1. A - II, B - III, C - IV, D - I
2. A - II, B - IV, C - III, D - I
3. A - III, B - IV, C - II, D - I
4. A - III, B - IV, C - I, D - II

Options :

71087014053. 1

71087014054. 2

71087014055. 3

71087014056. 4

Question Number : 95 Question Id : 7108703515 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Given below are two statements, one is labelled as **Assertion A** and the other one is labelled as **Reason R**

Assertion A: Lisinopril is a dicarboxyl containing ACE inhibitor used for the treatment of hypertension

Reason R: It produces its action by preventing the conversion of Angiotensin II to Angiotensin III

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both **A** and **R** are correct and **R** is the correct explanation of **A**
2. Both **A** and **R** are correct but **R** is **NOT** the correct explanation of **A**
3. **A** is correct but **R** is not correct
4. **A** is not correct but **R** is correct

Options :

71087014057. 1

71087014058. 2

71087014059. 3

71087014060. 4

Question Number : 96 Question Id : 7108703516 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Inactivation of a drug by spontaneous molecular arrangement without any enzyme is known as

1. Renal clearance
2. Hofmann elimination
3. Non-enzymatic reaction
4. Non-hepatic clearance

Options :

71087014061. 1
71087014062. 2
71087014063. 3
71087014064. 4

Question Number : 97 Question Id : 7108703517 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The isoforms of cytochrome P 450 having maximum share in phase I metabolism is

1. CYP2 B6
2. CYP3 A4/5
3. CYP2 D6
4. CYP2 C8/9

Options :

71087014065. 1
71087014066. 2
71087014067. 3
71087014068. 4

Question Number : 98 Question Id : 7108703518 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

TOCP – induced delayed neuropathy stimulating with human clinical signs is best observed in

1. Rodents
2. Non rodents
3. Reptiles
4. Hen

Options :

71087014069. 1
71087014070. 2
71087014071. 3
71087014072. 4

Question Number : 99 Question Id : 7108703519 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Methylene blue is used as an antidote for the treatment of nitrate poisoning in animals

Statement II: Methylene blue is an oxidizing agent but it is converted to leucomethylene blue which reduces methaemoglobin to haemoglobin

In light of the above statements, choose the **most appropriate** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

71087014073. 1
71087014074. 2

71087014075. 3

71087014076. 4

Question Number : 100 Question Id : 7108703520 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The specific chelator of copper is

1. Dimercaprol
2. Calcium disodium EDTA
3. Deferroxamine
4. D - penicillamine

Options :

71087014077. 1

71087014078. 2

71087014079. 3

71087014080. 4

Question Number : 101 Question Id : 7108703521 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Trenbolone acetate is the most common synthetic androgen used currently as a growth promoter in cattle, is chemically

1. An inorganic compound
2. A nonsteroid nonalkylated compound
3. An alkylated anabolic steroid
4. A nonalkylated anabolic steroid

Options :

71087014081. 1

71087014082. 2

71087014083. 3

71087014084. 4

Question Number : 102 Question Id : 7108703522 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Hydrogen peroxide (3%) liberates nascent oxygen by action of which one of the following present at the surface of a wound or mucus membrane?

1. Catalase
2. Hyaluronidase
3. Peroxidase
4. Glucuronidase

Options :

71087014085. 1
71087014086. 2
71087014087. 3
71087014088. 4

Question Number : 103 Question Id : 7108703523 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Nitrogen Mustard alkylates at which one of the following positions of DNA for their antitumor activity?

1. N-7 position of guanine
2. O-6 position of guanine
3. N-2 position of guanine
4. N-5 position of guanine

Options :

71087014089. 1
71087014090. 2
71087014091. 3

71087014092. 4

Question Number : 104 Question Id : 7108703524 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The drug used in "Narco test" is

1. Sodium Pentothal
2. Sodium Pentobarbital
3. Sodium thiamylal
4. Methohexital

Options :

71087014093. 1

71087014094. 2

71087014095. 3

71087014096. 4

Question Number : 105 Question Id : 7108703525 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Sulfonyl urea	I. Miglitol
B. Biguanide	II. Glibenclamide
C. Thiazolidinediones	III. Rosiglitazone
D. Alpha Glucosidase inhibitor	IV. Metformin

Choose the **correct** answer from the options given below:

1. A - III, B - II, C - IV, D - I
2. A - IV, B - III, C - II, D - I
3. A - II, B - IV, C - I, D - III
4. A - II, B - IV, C - III, D - I

Options :

71087014097. 1
71087014098. 2
71087014099. 3
71087014100. 4

Question Number : 106 Question Id : 7108703526 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Ondansetron produces its antiemetic action by its action as

1. 5-HT₄ antagonist
2. 5-HT₃ antagonist
3. 5-HT₃ agonist
4. 5-HT₄ agonist

Options :

71087014101. 1
71087014102. 2
71087014103. 3

71087014104. 4

Question Number : 107 Question Id : 7108703527 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Following are the simple bitters used as stomachic, except

1. Gentian
2. Columba
3. Chiretta
4. Nux vomica

Options :

71087014105. 1
71087014106. 2
71087014107. 3
71087014108. 4

Question Number : 108 Question Id : 7108703528 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Pantoprazole inhibits $H^+-K^+-ATPase$ enzyme to produce its

1. Emetic action
2. Antiemetic action
3. Antiepileptic action
4. Antigastric ulcer action

Options :

71087014109. 1
71087014110. 2
71087014111. 3
71087014112. 4

Question Number : 109 Question Id : 7108703529 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Griseofulvin, an antifungal drug, produces its action by

1. Impairment of microtubular function
2. Disintegration of mitochondria
3. Disruption of DNA transcription
4. Increasing membrane permeability

Options :

71087014113. 1

71087014114. 2

71087014115. 3

71087014116. 4

Question Number : 110 Question Id : 7108703530 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Domperidone produces antiemetic and prokinetic action by stimulation of

- A. D2 receptor in CTZ
- B. D2 receptor in the intestine
- C. D3 receptor in CTZ
- D. D1 receptor in gastric mucosa
- E. D3 receptor in the intestine

Choose the **correct** answer from the options given below:

- 1. A and B only
- 2. B and C only
- 3. A and C only
- 4. B and E only

Options :

- 71087014117. 1
- 71087014118. 2
- 71087014119. 3
- 71087014120. 4

Question Number : 111 Question Id : 7108703531 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Following antifungal agents inhibit CYP450 enzyme 14 alpha demethylase, EXCEPT

- 1. Fluconazole
- 2. Itraconazole
- 3. Voriconazole
- 4. Capsosungin

Options :

71087014121. 1
71087014122. 2
71087014123. 3
71087014124. 4

Question Number : 112 Question Id : 7108703532 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

M3 muscarinic receptors produce their action by stimulation of

1. Gi and Go proteins
2. Gi and Gq proteins
3. Gs and Gq proteins
4. Gq and G₁₁ proteins

Options :

71087014125. 1
71087014126. 2
71087014127. 3
71087014128. 4

Question Number : 113 Question Id : 7108703533 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Sildenafil causes vasodilation by inhibiting which one of the following enzymes?

1. Guanyl cyclase
2. Adenyl cyclase
3. Phosphodiesterase
4. Nitric oxide synthetase

Options :

71087014129. 1
71087014130. 2

71087014131. 3

71087014132. 4

Question Number : 114 Question Id : 7108703534 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The rate limiting step during epinephrine synthesis in adrenal medulla is

1. Conversion of phenylalanine to tyrosine
2. Conversion of tyrosine to DOPA
3. Conversion of DOPA to Dopamine
4. Conversion of Dopamine to Norepinephrine

Options :

71087014133. 1

71087014134. 2

71087014135. 3

71087014136. 4

Question Number : 115 Question Id : 7108703535 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

If the desired therapeutic concentration of a drug is 2.5 µg/ml and the volume of distribution (Vd) in a foal is 50 L, then single dose of the drug will be

1. 25 mg
2. 125 mg
3. 250 mg
4. 500 mg

Options :

71087014137. 1

71087014138. 2

71087014139. 3

71087014140. 4

Question Number : 116 Question Id : 7108703536 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Iron	I. Ca-EDTA
B. Methanol	II. Pentobarbital sodium
C. Lead	III. Ethanol
D. Strychnine	IV. Deferoxamine

Choose the **correct** answer from the options given below:

1. A - IV, B - III, C - I, D - II
2. A - IV, B - III, C - II, D - I
3. A - IV, B - II, C - III, D - I
4. A - II, B - III, C - IV, D - I

Options :

71087014141. 1

71087014142. 2

71087014143. 3

71087014144. 4

Question Number : 117 Question Id : 7108703537 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Caurenone acts as a diuretic by its action as

1. Na-Cl symport inhibitor
2. Carbonic anhydrase inhibitor
3. Na⁺ channel blocker
4. Mineralocorticoid receptor blocker

Options :

71087014145. 1

71087014146. 2

71087014147. 3

71087014148. 4

Question Number : 118 Question Id : 7108703538 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Neurotransmitter acting on effector cell in NANC outflow is

1. Acetylcholine
2. Norepinephrine
3. Glycine
4. Nitric oxide

Options :

71087014149. 1

71087014150. 2

71087014151. 3

71087014152. 4

Question Number : 119 Question Id : 7108703539 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The mitochondrial pathway of apoptosis is mediated through

1. Caspase 8
2. Caspase 9
3. Caspase 7
4. Caspase 12

Options :

71087014153. 1
71087014154. 2
71087014155. 3
71087014156. 4

Question Number : 120 Question Id : 7108703540 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Methimazole inhibits formation of thyroid hormones by interfering with the incorporation of iodide into tyrosyl residues of thyroglobulin and coupling of iodotyrosine residues to form

1. T₃, T₄ and TSH
2. T₃ and T₄
3. T₃
4. T₄

Options :

71087014157. 1
71087014158. 2
71087014159. 3
71087014160. 4