

# National Testing Agency

<b>Question Paper Name :</b>	Veterinary Pharmacology and Toxicology 17th September Shift 2
<b>Subject Name :</b>	Veterinary Pharmacology and Toxicology
<b>Creation Date :</b>	2021-09-17 18:54:33
<b>Duration :</b>	120
<b>Total Marks :</b>	480
<b>Display Marks:</b>	Yes

## Veterinary Pharmacology and Toxicology

<b>Group Number :</b>	1
<b>Group Id :</b>	190889101
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	120
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Break time :</b>	0
<b>Group Marks :</b>	480
<b>Is this Group for Examiner? :</b>	No

## Part A: General Knowledge

<b>Section Id :</b>	190889227
<b>Section Number :</b>	1
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory

<b>Number of Questions :</b>	20
<b>Number of Questions to be attempted :</b>	20
<b>Section Marks :</b>	80
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	190889267
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 19088911422 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1**

Which of the following is the device used to measure the power and speed of the wind?

1. Avometer
2. Anemometer
3. Airometer
4. Aviontimeter

**Options :**

19088945581. 1

19088945582. 2

19088945583. 3

19088945584. 4

**Question Number : 2 Question Id : 19088911423 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1**

Optical fibre used the concept of which of the following?

1. Reflection
2. Refraction
3. Total internal reflection
4. Total internal refraction

**Options :**

- 19088945585. 1
- 19088945586. 2
- 19088945587. 3
- 19088945588. 4

**Question Number : 3 Question Id : 19088911424 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Yellow vein mosaic is the viral disease of which of the following plants?

- 1. Ladyfinger
- 2. Papaya
- 3. Sugarcane
- 4. Banana

**Options :**

- 19088945589. 1
- 19088945590. 2
- 19088945591. 3
- 19088945592. 4

**Question Number : 4 Question Id : 19088911425 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following organ(s) is affected by Mumps disease?

- 1. Entire body
- 2. Skin
- 3. Eye
- 4. Parotid

**Options :**

- 19088945593. 1
- 19088945594. 2
- 19088945595. 3



19088945596. 4

**Question Number : 5 Question Id : 19088911426 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is the chemical name of vitamin B<sub>2</sub>?

1. Riboflavin
2. Calciferol
3. Pyridoxin
4. Niacin

**Options :**

19088945597. 1

19088945598. 2

19088945599. 3

19088945600. 4

**Question Number : 6 Question Id : 19088911427 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is not the input unit of the computer?

1. Mouse
2. Keyboard
3. Screen
4. Scanner

**Options :**

19088945601. 1

19088945602. 2

19088945603. 3

19088945604. 4

**Question Number : 7 Question Id : 19088911428 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**



**Correct Marks : 4 Wrong Marks : 1**

The digital computer operates on which of the following principle?

1. Measurement
2. Calculation
3. Logical
4. Electrification

**Options :**

19088945605. 1

19088945606. 2

19088945607. 3

19088945608. 4

**Question Number : 8 Question Id : 19088911429 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The non-cooperation movement of Gandhiji was launched in which of the following year?

1. 1915
2. 1922
3. 1920
4. 1930

**Options :**

19088945609. 1

19088945610. 2

19088945611. 3

19088945612. 4

**Question Number : 9 Question Id : 19088911430 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

An Islamic revivalist movement named Wahabi movement was founded by which of the following person?

1. Sian Saheb
2. Syed Ahmed
3. Haji Shariat-Allah
4. DaduMian

**Options :**

19088945613. 1

19088945614. 2

19088945615. 3

19088945616. 4

**Question Number : 10 Question Id : 19088911431 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is considered as the “Magna Carta of England Education in India”?

1. Hunter education commission
2. Lord Macaulay’s Minute
3. Wood’s Despatch
4. Thomas Babington Macaulay

**Options :**

19088945617. 1

19088945618. 2

19088945619. 3

19088945620. 4

**Question Number : 11 Question Id : 19088911432 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following nutrient does not come under the ambit of 'macro-nutrients in Soil Health Card?

1. Nitrogen
2. Zinc
3. Phosphorous
4. Potassium

**Options :**

19088945621. 1

19088945622. 2

19088945623. 3

19088945624. 4

**Question Number : 12 Question Id : 19088911433 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Cole crops, root crops and legumes come under the ambit of which of the following?

1. Olericulture
2. Pomology
3. Viticulture
4. Arboriculture

**Options :**

19088945625. 1

19088945626. 2

19088945627. 3

19088945628. 4

**Question Number : 13 Question Id : 19088911434 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



The study of individual trees, shrubs, vines, and perennial woody plants is known as which of the following?

1. Turf management
2. Arboriculture
3. Pomology
4. Viticulture

**Options :**

19088945629. 1

19088945630. 2

19088945631. 3

19088945632. 4

**Question Number : 14 Question Id : 19088911435 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The ministry is implementing MIDH (Mission for Integrated Development of Horticulture) with effect from which of the following year?

1. 2012-13
2. 2019-20
3. 2015-16
4. 2014-15

**Options :**

19088945633. 1

19088945634. 2

19088945635. 3

19088945636. 4

**Question Number : 15 Question Id : 19088911436 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The interaction of soils with living things, particularly plants are well known as which of the following?

1. Edaphology
2. Pedology
3. Soil zoology
4. Pedogenesis

**Options :**

19088945637. 1

19088945638. 2

19088945639. 3

19088945640. 4

**Question Number : 16 Question Id : 19088911437 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following systems has also incorporated social aspects in itself?

1. Landscaping
2. Permaculture
3. Horticulture
4. Forest gardening

**Options :**

19088945641. 1

19088945642. 2

19088945643. 3

19088945644. 4

**Question Number : 17 Question Id : 19088911438 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

What do you term the phenomenon whereby the specific gene is added to the plant for producing a desirable phenotype?

1. Genetic manipulation
2. Genetic recombination
3. Genetic modification
4. Genetic hybridisation

**Options :**

19088945645. 1

19088945646. 2

19088945647. 3

19088945648. 4

**Question Number : 18 Question Id : 19088911439 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

What is the focus of the participatory plant breeding program?

1. Scientists
2. Plants
3. Environment
4. Farmers

**Options :**

19088945649. 1

19088945650. 2

19088945651. 3

19088945652. 4

**Question Number : 19 Question Id : 19088911440 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



How do you term the form of agriculture, in which, industrialized production of crops and animal products takes place?

1. Manufactured agriculture
2. Modern agriculture
3. Industrial agriculture
4. Mechanistic agriculture

**Options :**

19088945653. 1

19088945654. 2

19088945655. 3

19088945656. 4

**Question Number : 20 Question Id : 19088911441 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Micro-irrigation fund of Rs. 5.000 crore has been placed with which of the following organization?

1. NABARD
2. IDBI
3. SBI
4. RRBs

**Options :**

19088945657. 1

19088945658. 2

19088945659. 3

19088945660. 4

## **Part B Core : Veterinary and Animal Sciences-III**

**Section Id :** 190889228

**Section Number :** 2

**Section type :** Online

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	50
<b>Number of Questions to be attempted :</b>	50
<b>Section Marks :</b>	200
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	190889268
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 21 Question Id : 19088911442 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Taenia and Havstra are observed in large intestine of

- |         |           |
|---------|-----------|
| (1) Ox  | (2) Horse |
| (3) Dog | (4) Fowl  |

**Options :**

19088945661. 1

19088945662. 2

19088945663. 3

19088945664. 4

**Question Number : 22 Question Id : 19088911443 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Descent of testis is guided by

- |                         |                 |
|-------------------------|-----------------|
| (1) Spermatic cord      | (2) Rete testis |
| (3) Gubernaculum testis | (4) Epididymis  |

**Options :**

19088945665. 1



19088945666. 2

19088945667. 3

19088945668. 4

**Question Number : 23 Question Id : 19088911444 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The cranial bones are

- (A) Frontal
- (B) Spheroid
- (C) Ethmoid
- (D) Mandible

Choose the correct answer from the options given below :

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

**Options :**

19088945669. 1

19088945670. 2

19088945671. 3

19088945672. 4

**Question Number : 24 Question Id : 19088911445 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The most abundant connective tissue / fiber in animal body is

- (1) Elastic fiber
- (2) Collagen fiber
- (3) Reticular fiber
- (4) Nerve fiber

**Options :**



19088945673. 1

19088945674. 2

19088945675. 3

19088945676. 4

**Question Number : 25 Question Id : 19088911446 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The shallow articular depression is known as

(1) Fossa

(2) Fovea

(3) Glenoid cavity

(4) Cotyloid cavity

**Options :**

19088945677. 1

19088945678. 2

19088945679. 3

19088945680. 4

**Question Number : 26 Question Id : 19088911447 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The distance between two Z-lines is known as

(1) H-band

(2) Sarcolemma

(3) Sarcomere

(4) Sarcoplasm

**Options :**

19088945681. 1

19088945682. 2

19088945683. 3

19088945684. 4

**Question Number : 27 Question Id : 19088911448 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Adrenal medulla develops from

- |                           |              |
|---------------------------|--------------|
| (1) Ectoderm              | (2) Mesoderm |
| (3) Intermediate mesoderm | (4) Endoderm |

**Options :**

19088945685. 1

19088945686. 2

19088945687. 3

19088945688. 4

**Question Number : 28 Question Id : 19088911449 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The fold of mucous membrane that attaches ventral aspect of tongue with floor of mouth cavity is

- |                            |                     |
|----------------------------|---------------------|
| (1) Frenum labii           | (2) Feronum linguae |
| (3) Caruncula sublingualis | (4) Torus lingae    |

**Options :**

19088945689. 1

19088945690. 2

19088945691. 3

19088945692. 4

**Question Number : 29 Question Id : 19088911450 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Bruner's gland is observed in

- |                          |                           |
|--------------------------|---------------------------|
| (1) Mucosa of oesophagus | (2) Submucosa of duodenum |
| (3) Mucosa of Jejunum    | (4) Submucosa of Ileum    |

**Options :**

19088945693. 1

19088945694. 2

19088945695. 3

19088945696. 4

**Question Number : 30 Question Id : 19088911451 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Polar bodies are formed during the process of

- |                    |                  |
|--------------------|------------------|
| (1) Spermiogenesis | (2) Oogenesis    |
| (3) Syngomy        | (4) Implantation |

**Options :**

19088945697. 1

19088945698. 2

19088945699. 3

19088945700. 4

**Question Number : 31 Question Id : 19088911452 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The disease that spreads rapidly over large geographical area is called as

- |               |              |
|---------------|--------------|
| (1) Pandemic  | (2) Epidemic |
| (3) Epizootic | (4) Sporadic |

**Options :**



19088945701. 1

19088945702. 2

19088945703. 3

19088945704. 4

**Question Number : 32 Question Id : 19088911453 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is invasive endoscopy?

(1) Rhinoscopy

(2) Otoscopy

(3) Laperoscopy

(4) Laryngeoscopy

**Options :**

19088945705. 1

19088945706. 2

19088945707. 3

19088945708. 4

**Question Number : 33 Question Id : 19088911454 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Death in tymphany is due to

(1) Respiratory failure

(2) Choke

(3) Cardiac failure

(4) Haemorrhage

**Options :**

19088945709. 1

19088945710. 2

19088945711. 3

19088945712. 4

**Question Number : 34 Question Id : 19088911455 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following is not distinct clinical sign of right side heart failure?

- |                          |              |
|--------------------------|--------------|
| (1) Ascities             | (2) Anasarca |
| (3) Exercise intolerance | (4) Dyspnea  |

**Options :**

19088945713. 1

19088945714. 2

19088945715. 3

19088945716. 4

**Question Number : 35 Question Id : 19088911456 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Big head disease is more commonly encountered in

- |             |            |
|-------------|------------|
| (1) Caprine | (2) Equine |
| (3) Bovine  | (4) Canine |

**Options :**

19088945717. 1

19088945718. 2

19088945719. 3

19088945720. 4

**Question Number : 36 Question Id : 19088911457 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Gastric lavage in poisoning is useless if attempted after

- (1) 5-10 min (2) 10-20 min  
(3) 20-30 min (4) After 01 hrs

**Options :**

19088945721. 1  
19088945722. 2  
19088945723. 3  
19088945724. 4

**Question Number : 37 Question Id : 19088911458 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

“Forest band” on ultrasonogram of kidney is seen in

- (1) Leptospirosis (2) Listeriosis  
(3) Corynebacterium tetany (4) Erysipalothrix infection

**Options :**

19088945725. 1  
19088945726. 2  
19088945727. 3  
19088945728. 4

**Question Number : 38 Question Id : 19088911459 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Soundless bellowing in rabies is seen in

- (1) Equine (2) Cattle  
(3) Canine (4) Feline

**Options :**



19088945729. 1

19088945730. 2

19088945731. 3

19088945732. 4

**Question Number : 39 Question Id : 19088911460 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Vaccination against MD in poultry is given on day

(1) Zero

(2) 15

(3) 30

(4) 21

**Options :**

19088945733. 1

19088945734. 2

19088945735. 3

19088945736. 4

**Question Number : 40 Question Id : 19088911461 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Bishoping is punishable under IPC

(1) 428

(2) 429

(3) 420

(4) 377

**Options :**

19088945737. 1

19088945738. 2

19088945739. 3

19088945740. 4

**Question Number : 41 Question Id : 19088911462 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Branch of pharmacology deals with study of source, identification, characterization of drug candidate

- |                      |                      |
|----------------------|----------------------|
| (1) Pharmacokinetics | (2) Pharmacogenosy   |
| (3) Pharmacy         | (4) Pharmacodynamics |

**Options :**

19088945741. 1

19088945742. 2

19088945743. 3

19088945744. 4

**Question Number : 42 Question Id : 19088911463 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Non-narcotic antitussive agent

- |                    |                  |
|--------------------|------------------|
| (1) Codeine        | (2) Hydromorphan |
| (3) Dexamethorphan | (4) Morphine     |

**Options :**

19088945745. 1

19088945746. 2

19088945747. 3

19088945748. 4

**Question Number : 43 Question Id : 19088911464 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Myasthenia gravis occur due to

- |                            |                                     |
|----------------------------|-------------------------------------|
| (1) Auto immune disorder   | (2) Excess release of Acetylcholine |
| (3) Deficiency of dopamine | (4) Excess of serotonin             |

**Options :**

19088945749. 1

19088945750. 2

19088945751. 3

19088945752. 4

**Question Number : 44 Question Id : 19088911465 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Cardiac glycosides interact with

- |  |   |
|--|---|
| (1) $\text{Na}^+\text{Cl}^-$ cotransporter | (2) $\text{Na}^+\text{Ca}^{+2}$ transporter |
| (3) $\text{H}^+$ ATPase                    | (4) $\text{Na}^+\text{K}^+$ ATPase          |

**Options :**

19088945753. 1

19088945754. 2

19088945755. 3

19088945756. 4

**Question Number : 45 Question Id : 19088911466 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following agent is prokinetic agent?

- |                    |                   |
|--------------------|-------------------|
| (1) Metaclopramide | (2) Loperamide    |
| (3) Domperidone    | (4) Diphenoxylate |

**Options :**



19088945757. 1

19088945758. 2

19088945759. 3

19088945760. 4

**Question Number : 46 Question Id : 19088911467 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Hyper oxygenated blood and tissue hypoxia seen during toxicity of

(1) Cyanogenetic glycosides

(2) Nitrate / Nitrite

(3) NPN / Urea

(4) Oxylate poisoning

**Options :**

19088945761. 1

19088945762. 2

19088945763. 3

19088945764. 4

**Question Number : 47 Question Id : 19088911468 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Gum metal kidney and pulpy spleen seen in poisoning of

(1) Molybdenum

(2) Copper

(3) Selenium

(4) Arsenic

**Options :**

19088945765. 1

19088945766. 2

19088945767. 3

19088945768. 4

**Question Number : 48 Question Id : 19088911469 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Quantitative effect produced by the drug is studied under

- |                      |                      |
|----------------------|----------------------|
| (1) Pharmacodynamics | (2) Pharmacokinetics |
| (3) Pharmacy         | (4) Pharmacometrics  |

**Options :**

19088945769. 1

19088945770. 2

19088945771. 3

19088945772. 4

**Question Number : 49 Question Id : 19088911470 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Interaction of BAL with arsenic is a type of

- |                              |                                |
|------------------------------|--------------------------------|
| (1) Physiological antagonism | (2) Physical antagonism        |
| (3) Chemical antagonism      | (4) Pharmacological antagonism |

**Options :**

19088945773. 1

19088945774. 2

19088945775. 3

19088945776. 4

**Question Number : 50 Question Id : 19088911471 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Father of Indian Pharmacology

- |                        |                       |
|------------------------|-----------------------|
| (1) Prof. B.K. Roy     | (2) Cont. R.N. Chopra |
| (3) Prof. J.N. Langley | (4) Prof. R.C. Gupta  |

**Options :**

- 19088945777. 1
- 19088945778. 2
- 19088945779. 3
- 19088945780. 4

**Question Number : 51 Question Id : 19088911472 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Sequence of events taking place during post parturation period

- (1) Involution of uterus – Endometrial regeneration – Bacterial Elimination – Onset of Ovarian cyclicity
- (2) Involution – Bacterial Elimination – Ovarian rebound – Endometrial regeneration
- (3) Endometrial regeneration – Uterine involution – Ovarian cyclicity – Bacterial Elimination
- (4) Involution of uterus and cervix – Endometrial regeneration – ovarian rebound – Bacterial Elimination

**Options :**

- 19088945781. 1
- 19088945782. 2
- 19088945783. 3
- 19088945784. 4

**Question Number : 52 Question Id : 19088911473 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Steroid hormones contain carbon molecules

- (A) Estrogen is a 19 carbon steroid
- (B) Progesterone is a 21 carbon steroid
- (C) Testosterone is a 18 carbon steroid
- (D) Estrogen is a 18 carbon steroid
- (E) Testosterone is a 19 carbon steroid

Choose the correct answer from the options given below :

- (1) (A), (B), (C) only
- (2) (B), (C), (D) only
- (3) (B), (D), (E) only
- (4) (A), (C) only

**Options :**

19088945785. 1

19088945786. 2

19088945787. 3

19088945788. 4

**Question Number : 53 Question Id : 19088911474 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is secretion from seminal vesicle except

- (1) Fructose
- (2) Inositol
- (3) Glycerolphosphoryl choline
- (4) Ergothioneine

**Options :**

19088945789. 1

19088945790. 2

19088945791. 3

19088945792. 4

**Question Number : 54 Question Id : 19088911475 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following statement is true for ovulation process in farm animals?

- (1) Ovulation takes place 24-30 hrs after LH surge in cows
- (2) Ovulation takes place 10-11 hrs after end of estrus
- (3) Ovulation takes place 30-46 hrs after LH surge in cows
- (4) Ovulation occurs 10-11 hours after onset of estrus

**Options :**

19088945793. 1

19088945794. 2

19088945795. 3

19088945796. 4

**Question Number : 55 Question Id : 19088911476 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Hydroallantois is due to malformation of

- (1) Fetus
- (2) Placenta
- (3) Vascular anastomosis
- (4) Uterus

**Options :**

19088945797. 1

19088945798. 2

19088945799. 3

19088945800. 4

**Question Number : 56 Question Id : 19088911477 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Progesterone hormone concentration during estrus period is

- (1) Less than 3 ng/ml (2) Less than 1 ng/ml  
(3) Less than 1.5 ng/ml (4) Less than 0.5 pg/ml

**Options :**

19088945801. 1

19088945802. 2

19088945803. 3

19088945804. 4

**Question Number : 57 Question Id : 19088911478 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements :

Statement I : All antral follicles of size  $\geq 3$  mm contain meiotically competent oocytes.

Statement II : Antral follicles of size  $\geq 10$  mm contain meiotically competent oocytes.

In the 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 :**

19088945805. 1

19088945806. 2

19088945807. 3

19088945808. 4

**Question Number : 58 Question Id : 19088911479 Question Type : MCQ Option Shuffling : No**



**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Immunization against which hormone increases ovulation rate in ewes

- |               |               |
|---------------|---------------|
| (1) Melatonin | (2) Inhibin   |
| (3) Relaxin   | (4) Estradiol |

**Options :**

19088945809. 1

19088945810. 2

19088945811. 3

19088945812. 4

**Question Number : 59 Question Id : 19088911480 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is not true for cystic ovarian disease?

- (1) Follicular cyst are pathological and anovulating in nature
- (2) Luteal cyst are pathological and anovulating in nature
- (3) Cystic corpus luteum is pathological and ovulatory in nature
- (4) PCL is associated with pathological condition of uterus

**Options :**

19088945813. 1

19088945814. 2

19088945815. 3

19088945816. 4

**Question Number : 60 Question Id : 19088911481 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Hormone used for pregnancy diagnosis in bitch is

- |               |                  |
|---------------|------------------|
| (1) Prolactin | (2) Progesterone |
| (3) Estrogen  | (4) Relaxin      |

**Options :**

- 19088945817. 1
- 19088945818. 2
- 19088945819. 3
- 19088945820. 4

**Question Number : 61 Question Id : 19088911482 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Catgut is obtained from the submucosa of small intestine of \_\_\_\_\_.

- |             |           |
|-------------|-----------|
| (1) Goat    | (2) Sheep |
| (3) Bovines | (4) Cat   |

**Options :**

- 19088945821. 1
- 19088945822. 2
- 19088945823. 3
- 19088945824. 4

**Question Number : 62 Question Id : 19088911483 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following suture pattern is not applied on the skin?

- |                       |                            |
|-----------------------|----------------------------|
| (1) Cross-mattress    | (2) Horizontal mattress    |
| (3) Ford interlocking | (4) Cushing suture pattern |

**Options :**

- 19088945825. 1



19088945826. 2

19088945827. 3

19088945828. 4

**Question Number : 63 Question Id : 19088911484 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following anaesthetic agent is not injectable?

(1) Thiopental sodium

(2) Ketamine HCl

(3) Propofol

(4) Isoflurane

**Options :**

19088945829. 1

19088945830. 2

19088945831. 3

19088945832. 4

**Question Number : 64 Question Id : 19088911485 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Match List I with List II

List I	List II
(A) CT number	(I) Nuclear Scintigraphy
(B) Tesla	(II) Computed Tonography
(C) $T_{c99m}$	(III) Computed Radiography
(D) PSP	(IV) MRI

Choose the correct answer from the options given below :

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

**Options :**

19088945833. 1

19088945834. 2

19088945835. 3

19088945836. 4

**Question Number : 65 Question Id : 19088911486 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following is not a part of X-ray tube?

- (A) Cathode
- (B) Anode
- (C) Grid
- (D) Cassette

Choose the most appropriate answer from the options given below :

- (1) (A) and (B) only
- (2) (A) and (C) only
- (3) (B) and (C) only
- (4) (C) and (D) only

**Options :**

19088945837. 1

19088945838. 2

19088945839. 3

19088945840. 4

**Question Number : 66 Question Id : 19088911487 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following is not a part of developed solution?

- (A) Hydroquinone
- (B) Sodium bicarbonate
- (C) KBr
- (D)  $\text{NH}_4\text{Cl}$  (Ammonium Chloride)

Choose the most appropriate answer from the options given below :

- (1) (A) only
- (2) (B) only
- (3) (C) only
- (4) (D) only



**Options :**

- 19088945841. 1
- 19088945842. 2
- 19088945843. 3
- 19088945844. 4

**Question Number : 67 Question Id : 19088911488 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Colle's fracture is seen in which of the following bone?

- (1) Humerus
- (2) Femur
- (3) Radius
- (4) Tibia

**Options :**

- 19088945845. 1
- 19088945846. 2
- 19088945847. 3
- 19088945848. 4

**Question Number : 68 Question Id : 19088911489 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

"Bunny hopping" gait is the characteristic clinical signs of \_\_\_\_\_.

- (1) Hip dysplasia
- (2) Elbow dysplasia
- (3) Cranial cruciate ligament rupture
- (4) Spondylosis dofomans

**Options :**

- 19088945849. 1
- 19088945850. 2
- 19088945851. 3
- 19088945852. 4

Question Number : 69 Question Id : 19088911490 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Inward rolling of eyelid margin which rubs the cornea is called

- |                |                   |
|----------------|-------------------|
| (1) Entropion  | (2) Ectropion     |
| (3) Cherry eye | (4) Blepharospasm |

Options :

19088945853. 1

19088945854. 2

19088945855. 3

19088945856. 4

Question Number : 70 Question Id : 19088911491 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

In upward fixation of patella, in cattle, which of the following ligament is to be cut to correct the condition?

- |                               |                              |
|-------------------------------|------------------------------|
| (1) Lateral patellar ligament | (2) Medial patellar ligament |
| (3) Middle patellar ligament  | (4) Collateral ligament      |

Options :

19088945857. 1

19088945858. 2

19088945859. 3

19088945860. 4

## Part C : Veterinary Pharmacology and Toxicology

Section Id : 190889229

Section Number : 3

Section type : Online



<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	50
<b>Number of Questions to be attempted :</b>	50
<b>Section Marks :</b>	200
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	190889269
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 71 Question Id : 19088911492 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The concept "Corpora non agunt nisi fixata" was given by

- |                  |                  |
|------------------|------------------|
| (1) J.N. Lamgley | (2) R.N. Chopra  |
| (3) Paul Ehrlich | (4) W.D.M. Paton |

**Options :**

19088945861. 1

19088945862. 2

19088945863. 3

19088945864. 4

**Question Number : 72 Question Id : 19088911493 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Etorphine is used for the restraining of

- |            |              |
|------------|--------------|
| (1) Cattle | (2) Elephant |
| (3) Dog    | (4) Cat      |

**Options :**

19088945865. 1

19088945866. 2

19088945867. 3

19088945868. 4

**Question Number : 73 Question Id : 19088911494 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

4-Aminopyridine produce inhibitory effects by acting on

- |   |                                      |
|---|--------------------------------------|
| (1) Voltage gated K <sup>+</sup> channels | (2) Ligand gated channels            |
| (3) ATP gated K <sup>+</sup> channels     | (4) Excitatory ligand-gated channels |

**Options :**

19088945869. 1

19088945870. 2

19088945871. 3

19088945872. 4

**Question Number : 74 Question Id : 19088911495 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Poisoning lead to tissue hypoxia due to inhibition of oxygen transport in blood

- |             |             |
|-------------|-------------|
| (1) Arsenic | (2) Cyanide |
| (3) Nitrite | (4) Lead    |

**Options :**

19088945873. 1

19088945874. 2

19088945875. 3

19088945876. 4

**Question Number : 75 Question Id : 19088911496 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Transporter protein responsible for development of drug resistance in neoplastic cells

- (1) P-glycoproteins
- (2) Carrier mediated proteins
- (3) Transmembrane proteins
- (4) Store operated channels proteins

**Options :**

19088945877. 1

19088945878. 2

19088945879. 3

19088945880. 4

**Question Number : 76 Question Id : 19088911497 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Secondary photo sensitization occurs due to

- |                            |                           |
|----------------------------|---------------------------|
| (1) Lantana camara         | (2) Phagopyrum esculentum |
| (3) Pyrrazolidine alkaloid | (4) Braken Fern           |

**Options :**

19088945881. 1

19088945882. 2

19088945883. 3

19088945884. 4

**Question Number : 77 Question Id : 19088911498 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Active metabolite product(s) of primidone

- (1) Pentobarbital
- (2) Secobarbital and amobarbital
- (3) Phenobarbital and phenylethyl malondiamine
- (4) Thiopental and pentobarbital

**Options :**

- 19088945885. 1
- 19088945886. 2
- 19088945887. 3
- 19088945888. 4

**Question Number : 78 Question Id : 19088911499 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

List I	List II
(A) Arsenic toxicity	(I) Deferrioxamine
(B) Acetaminophen toxicity	(II) BAL
(C) Iron toxicity	(III) Calcium boroglucomate
(D) Oxilate poisoning	(IV) N-acetyl cysteine

Choose the correct answer from the options given below :

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

**Options :**

- 19088945889. 1
- 19088945890. 2
- 19088945891. 3
- 19088945892. 4

**Question Number : 79 Question Id : 19088911500 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



- (A) Parasympathetic stimulation decrease rate and force of cardiac contraction.
- (B) Sympathetic stimulation increases automaticity of ventricular muscle.
- (C) Bronchial smooth muscle have no sympathetic innervations.
- (D) Sympathetic stimulation produce contraction of pregnant and relaxation of non preganant uterus.

Choose the correct answer from the options given below :

- (1) (A), (B) and (C)
- (2) (B), (C) and (D)
- (3) (A), (C) and (D)
- (4) (A), (B), (C) and (D)

**Options :**

- 19088945893. 1
- 19088945894. 2
- 19088945895. 3
- 19088945896. 4

**Question Number : 80 Question Id : 19088911501 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Minamata disease occurs due to poisoning of

- (1) Mercury
- (2) Cadmium
- (3) Arsenic
- (4) Lead

**Options :**

- 19088945897. 1
- 19088945898. 2
- 19088945899. 3
- 19088945900. 4

**Question Number : 81 Question Id : 19088911502 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Select the correct one regarding the potency of  $\alpha_1$  adrenergic receptor.

- (1) Noradrenaline  $\geq$  Adrenaline  $\gg$  Isoprenaline
- (2) Adrenaline  $>$  Noradrenaline  $\gg$  Isoprenaline
- (3) Isoprenaline  $>$  Noradrenaline  $>$  Adrenalin
- (4) Isoprenaline  $>$  Noradrenaline = Adrenaline

**Options :**

19088945901. 1

19088945902. 2

19088945903. 3

19088945904. 4

**Question Number : 82 Question Id : 19088911503 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Rate and extent to which a drug is available in systemic circulation

- (1) Absorption
- (2) Distribution
- (3) Bioavailability
- (4) Partition coefficient

**Options :**

19088945905. 1

19088945906. 2

19088945907. 3

19088945908. 4

**Question Number : 83 Question Id : 19088911504 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Match List I with List II

List I

- (A) Suxamethonium
- (B) Tubocurarine
- (C) Vecuronium
- (D) Pancuronium

List II

- (I) Long acting
- (II) Short acting
- (III) Steroid based compound
- (IV) Intermediate acting

Choose the correct answer from the options given below :

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

**Options :**

19088945909. 1

19088945910. 2

19088945911. 3

19088945912. 4

**Question Number : 84 Question Id : 19088911505 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Vertical transmission of resistant genes from parent to offspring

- (1) Conjugation
- (2) Transformation
- (3) Transduction
- (4) Transposons

**Options :**

19088945913. 1

19088945914. 2

19088945915. 3

19088945916. 4

**Question Number : 85 Question Id : 19088911506 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements :

Statement I : Hemicholinium inhibit acetylcholine synthesis at cholinergic nerve terminal.

Statement II : Choline transport at prosynaptic nerve terminal is competitively blocked by hemicholinium.

In the light of the above statements, choose the *correct* answer from the options given below :

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

**Options :**

19088945917. 1

19088945918. 2

19088945919. 3

19088945920. 4

**Question Number : 86 Question Id : 19088911507 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

List I

- (A)  $\alpha_2$  Agonist
- (B)  $\beta_1$  Antagonist
- (C)  $\beta_2$  Antagonist
- (D)  $\alpha_1$  Antagonist

List II

- (I) Atenolol
- (II) Butoxamine
- (III) Prazocin
- (IV) Clonidine

Choose the correct answer from the options given below :

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

**Options :**



19088945921. 1

19088945922. 2

19088945923. 3

19088945924. 4

**Question Number : 87 Question Id : 19088911508 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

List I	List II
(A) Inhibit DNA polymerase	(I) Pentostin
(B) Inhibit adenosine deaminase	(II) Dactinomycin
(C) Inhibit topoisomerase II	(III) Cytarabine
(D) Inhibit function of microtubules	(IV) Vincristine

Choose the correct answer from the options given below :

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

**Options :**

19088945925. 1

19088945926. 2

19088945927. 3

19088945928. 4

**Question Number : 88 Question Id : 19088911509 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following agent is effective against both cutaneous and visceral leishmaniasis?

- (1) Meglumine antimoniate
- (2) Pentamidine isethionate
- (3) Miltefosine
- (4) Metronidazole

**Options :**

- 19088945929. 1
- 19088945930. 2
- 19088945931. 3
- 19088945932. 4

**Question Number : 89 Question Id : 19088911510 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements : One is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : 5-HT<sub>4</sub> receptor agonists, which stimulate peristaltic activity are used for treating gastrointestinal disorders.

Reason (R) : Tegaserod is selective 5-HT<sub>4</sub> receptor agonist used to treat irritable bowel disease.

In the 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 :**

- 19088945933. 1
- 19088945934. 2
- 19088945935. 3
- 19088945936. 4

**Question Number : 90 Question Id : 19088911511 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Match List I with List II

List I	List II
(A) Class I	(I) Vorapamil
(B) Class II	(II) Flocalinide
(C) Class III	(III) Amiodarone
(D) Class IV	(IV) Atenolol

Choose the correct answer from the options given below :

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

**Options :**

19088945937. 1

19088945938. 2

19088945939. 3

19088945940. 4

**Question Number : 91 Question Id : 19088911512 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Molgramostim is

- (1) Synthetic interpersons
- (2) Recombinant form of granulocyte colony stimulating factor
- (3) Synthetic 1, 3-  $\beta$  glucan synthase inhibitor
- (4) DNA dependent RNA polymerase inhibitor

**Options :**

19088945941. 1

19088945942. 2

19088945943. 3

19088945944. 4

Question Number : 92 Question Id : 19088911513 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Capreomycin belongs to

- |                        |                     |
|------------------------|---------------------|
| (1) Peptide antibiotic | (2) Aminoglycosides |
| (3) Amphencol          | (4) Streptogramins  |

Options :

19088945945. 1

19088945946. 2

19088945947. 3

19088945948. 4

Question Number : 93 Question Id : 19088911514 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Natural  $\beta$ -lactamase inhibitor

- |                     |                |
|---------------------|----------------|
| (1) Clavulanic acid | (2) Tazobactan |
| (3) Salbactam       | (4) Betalactam |

Options :

19088945949. 1

19088945950. 2

19088945951. 3

19088945952. 4

Question Number : 94 Question Id : 19088911515 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1



Given below are two statements : One is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : Methyldorphine has less addiction liability and an effective cough suppressant.

Reason (R) : Methyldorphine decrease secretion in bronchioles which thickens sputum and inhibit ciliary activity.

In the 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 :**

- 19088945953. 1
- 19088945954. 2
- 19088945955. 3
- 19088945956. 4

**Question Number : 95 Question Id : 19088911516 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following antiviral drug interferes in Reverse transcriptase activity?

- |               |                |
|---------------|----------------|
| (1) Foscarnet | (2) Aciclovir  |
| (3) Ribavirin | (4) Didanosine |

**Options :**

- 19088945957. 1
- 19088945958. 2
- 19088945959. 3
- 19088945960. 4

**Question Number : 96 Question Id : 19088911517 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Conversion of plasminogen to plasmin is inhibited by

- |                     |               |
|---------------------|---------------|
| (1) Streptokinase   | (2) Urokinase |
| (3) Tranexamic acid | (4) Alteplase |

**Options :**

19088945961. 1

19088945962. 2

19088945963. 3

19088945964. 4

**Question Number : 97 Question Id : 19088911518 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Drug of choice for heart worm medication except

- |                 |                |
|-----------------|----------------|
| (1) Melarsomine | (2) Moxidectin |
| (3) Milbemycin  | (4) Monensin   |

**Options :**

19088945965. 1

19088945966. 2

19088945967. 3

19088945968. 4

**Question Number : 98 Question Id : 19088911519 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



- (A) Vitamin B<sub>12</sub> needs an intrinsic factor for absorption in terminal ileum.
- (B) Megaloblastic anaemia caused due to deficiency of folic acid.
- (C) Ferrous iron must be converted to ferric iron for absorption in gastro intestinal tract.
- (D) Iron sorbitol can be administered slow intravenously.
- (E) Epoetin is a recombinant human erythropoitin available for clinical uses.

Choose the correct answer from the options given below :

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

**Options :**

19088945969. 1

19088945970. 2

19088945971. 3

19088945972. 4

**Question Number : 99 Question Id : 19088911520 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

- (A) Prostaglandins E<sub>2</sub> and I<sub>2</sub> inhibit acid, stimulate mucus and bicarbonate secretion in gastrointestinal tract.
- (B) Antacids reduces efficacy of sucralfate.
- (C) Neurokinin-I antagonists can induced vomiting in animals.
- (D) Butyrophenones derivative can not used for chemotherapy induced vomiting.
- (E) Reflex oesophagitis and peptic ulcer can be treated with H<sub>2</sub> receptor antagonists.

Choose the correct answer from the options given below :

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

**Options :**

19088945973. 1

19088945974. 2

19088945975. 3

19088945976. 4

**Question Number : 100 Question Id : 19088911521 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Following drugs increases gastrointestinal motility except

- |                |                    |
|----------------|--------------------|
| (1) Cisapride  | (2) Metaclopramide |
| (3) Loperamide | (4) Domperidone    |

**Options :**

19088945977. 1

19088945978. 2

19088945979. 3

19088945980. 4

**Question Number : 101 Question Id : 19088911522 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

- | List I                                      | List II            |
|---|--------------------|
| (A) Carbapenems                             | (I) Flucloxacillin |
| (B) $\beta$ -Lactamase resistant penicillin | (II) Aztreonam     |
| (C) Monobactams                             | (III) Imipenem     |
| (D) Cephalosporins                          | (IV) Cefuroxime    |

Choose the correct answer from the options given below :

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

**Options :**



19088945981. 1

19088945982. 2

19088945983. 3

19088945984. 4

**Question Number : 102 Question Id : 19088911523 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

List I

- (A) Cox II inhibitor
- (B) Propeonic acid derivative
- (C) Fenamates
- (D) Pyrazolone derivatives

List II

- (I) Ketoprofen
- (II) Phenylbutazone
- (III) Deracoxib
- (IV) Maclofenamic acid

Choose the correct answer from the options given below :

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

**Options :**

19088945985. 1

19088945986. 2

19088945987. 3

19088945988. 4

**Question Number : 103 Question Id : 19088911524 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Orlistat is a

- (1) Intestinal  $\alpha$  glucosidase inhibitor      (2) Pancreatic Lipase inhibitor  
(3) Thyroperoxidase inhibitor      (4)  $5\alpha$ -Reductase inhibitor

**Options :**

19088945989. 1

19088945990. 2

19088945991. 3

19088945992. 4

**Question Number : 104 Question Id : 19088911525 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Melatonin is synthesized from the

- (1) Histamine      (2) S-Hydroxytryptamine  
(3) Glutamine      (4) Adrenaline

**Options :**

19088945993. 1

19088945994. 2

19088945995. 3

19088945996. 4

**Question Number : 105 Question Id : 19088911526 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Given below are two statements : One is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : Raloxifene is a selective oestrogen receptor modulators.

Reason (R) : Raloxifene has agonist activity on oestrogen receptors in bone and cardiovascular system and antagonistic activity on oestrogen receptors in mammary tissue and the uterus.

In the 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 :**

19088945997. 1

19088945998. 2

19088945999. 3

19088946000. 4

**Question Number : 106 Question Id : 19088911527 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Moclobemide is selective inhibitor of

- |          |                    |
|----------|--------------------|
| (1) COMT | (2) MAOA           |
| (3) MAOB | (4) Tyrosinekinase |

**Options :**

19088946001. 1

19088946002. 2

19088946003. 3

19088946004. 4

**Question Number : 107 Question Id : 19088911528 Question Type : MCQ Option Shuffling : No**



**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements : One is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : Mifopristone is a partial agonist at progesterone receptors.

Reason (R) : Mifopristone is used as a medical alternative to surgical termination of pregnancy.

In the 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 :**

19088946005. 1

19088946006. 2

19088946007. 3

19088946008. 4

**Question Number : 108 Question Id : 19088911529 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

List I	List II
(A) Jervanine alkaloids	(I) Malformed eyes and beak in waterfowl
(B) Pyridine alkaloids	(II) Torticollis in cattle
(C) Selenium	(III) Craniofacial malformation in sheep
(D) Ruinolizidine alkaloids	(IV) Cleft palate in pigs

Choose the correct answer from the options given below :

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



**Options :**

- 19088946009. 1
- 19088946010. 2
- 19088946011. 3
- 19088946012. 4

**Question Number : 109 Question Id : 19088911530 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Pizotifen is

- (1) 5HT<sub>2</sub> Receptor antagonist
- (2) Histamine (H<sub>1</sub>) receptor agonist
- (3) P<sub>2</sub>X Receptor agonist
- (4) D<sub>2</sub> receptor antagonist

**Options :**

- 19088946013. 1
- 19088946014. 2
- 19088946015. 3
- 19088946016. 4

**Question Number : 110 Question Id : 19088911531 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

NMDA receptors are

- (1) Ligand gated ion channel
- (2) Metabotropic Receptor
- (3) Enzyme linked Receptor
- (4) Nuclear Receptor

**Options :**

- 19088946017. 1
- 19088946018. 2
- 19088946019. 3
- 19088946020. 4

Question Number : 111 Question Id : 19088911532 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Activity of GABA transaminase is inhibited by

- |                   |                    |
|-------------------|--------------------|
| (1) Valproic acid | (2) Nipecotic acid |
| (3) Vigabatrine   | (4) Guvacine       |

Options :

19088946021. 1

19088946022. 2

19088946023. 3

19088946024. 4

Question Number : 112 Question Id : 19088911533 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I

- (A) S-HT<sub>1D</sub> Receptor agonist
- (B) SHT<sub>1A</sub> Receptor agonist
- (C) SHT<sub>3</sub> Receptor antagonist
- (D) SHT 2A Receptor Antagonist

List II

- (I) Buspirone
- (II) Ondansetron
- (III) Sumatriptan
- (IV) Cyproheptadine

Choose the correct answer from the options given below :

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

Options :

19088946025. 1

19088946026. 2

19088946027. 3

19088946028. 4

Question Number : 113 Question Id : 19088911534 Question Type : MCQ Option Shuffling : No



**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Phaclophen is a

- |  |  |
|--|--|
| (1) Agonist on GABA <sub>B</sub> Receptor    | (2) Antagonist on GABA <sub>A</sub> Receptor |
| (3) Antagonist of GABA <sub>B</sub> Receptor | (4) Agonist on Glycine Receptor              |

**Options :**

19088946029. 1

19088946030. 2

19088946031. 3

19088946032. 4

**Question Number : 114 Question Id : 19088911535 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Glucocorticoids produce anti-inflammatory response by inhibiting activity of

- |                    |                                  |
|--------------------|----------------------------------|
| (1) Cyclooxygenase | (2) Phospholipase A <sub>2</sub> |
| (3) Lipoxygenase   | (4) Phosphodiesterase            |

**Options :**

19088946033. 1

19088946034. 2

19088946035. 3

19088946036. 4

**Question Number : 115 Question Id : 19088911536 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

- (A) Oral and intravenous preparations of tramadol are available for therapeutic application.
- (B) Fentanyl is more potent than etorphine.
- (C) Etorphine is 1000 times more potent than morphine.
- (D) Methadone is less potent than morphine.
- (E) Buprenorphine act antagonistically on opioid receptors.

Choose the correct answer from the options given below :

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

**Options :**

19088946037. 1

19088946038. 2

19088946039. 3

19088946040. 4

**Question Number : 116 Question Id : 19088911537 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following antimicrobials does not affect cell membrane functions?

- (1) Amphotericin B
- (2) Polymyxins
- (3) Fluconazole
- (4) Sulfamethaxazole

**Options :**

19088946041. 1

19088946042. 2

19088946043. 3

19088946044. 4

**Question Number : 117 Question Id : 19088911538 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Match List I with List II

List I	List II
(A) Purine analogue	(I) Tioguanine
(B) D-Cyclserine	(II) Fluorourecil
(C) Tetrahydrofolate	(III) Dalanine-d-alkanine analogues
(D) Pyrimidine analogue	(IV) Trimethoprim

Choose the correct answer from the options given below :

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

**Options :**

19088946045. 1

19088946046. 2

19088946047. 3

19088946048. 4

**Question Number : 118 Question Id : 19088911539 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements : One is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : Application of aminoglycosides is contraindicated in renal disorders in animals.

Reason (R) : Aminoglycosides aggravated the nephotoxicity in animals

In the 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 :**

19088946049. 1

19088946050. 2

19088946051. 3

19088946052. 4

**Question Number : 119 Question Id : 19088911540 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

List I

- (A) Sulphonamides
- (B) Penicillins
- (C) Aminoglycosides
- (D) Polymixins

List II

- (I) Cell membrane
- (II) Folic acid synthesis
- (III) Protein synthesis
- (IV) Cell wall synthesis

Choose the correct answer from the options given below :

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

**Options :**

19088946053. 1

19088946054. 2

19088946055. 3

19088946056. 4

**Question Number : 120 Question Id : 19088911541 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Heparin overdosing can be antagonized by

- |                       |                           |
|-----------------------|---------------------------|
| (1) Atropine          | (2) Phycostigmine         |
| (3) Protamine sulfate | (4) Calcium boroglutamate |

**Options :**

19088946057. 1

19088946058. 2

19088946059. 3

19088946060. 4