

PREVIEW QUESTION BANK

Module Name : VETERINARY SCIENCE-ENG
Exam Date : 09-Jul-2023 Batch : 10:00-12:00

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	2701	<p>Serous demilunes are present in which of the following gland?</p> <ol style="list-style-type: none"> 1. Parotid 2. Pancreas 3. Thyroid 4. Mandibular <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
2	2702	<p>Accessory carpal of horse articulates with</p> <ol style="list-style-type: none"> (A) Radius distal extremity posterior face (B) Radial distal extremity anterior face (C) Ulnar carpal posterior face (D) Intermediate carpal posterior face <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A) and (D) only. 2. (A) and (C) only. 3. (B) and (C) only. 4. (B) and (D) only. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
3	2703		4.0	1.00

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

List I	List II
Stain	Used to identify
(A) Janus Green B	(I) Glycogen
(B) Periodic Acid Schiff	(II) Collagen
(C) Sudan III stain	(III) Mitochondria
(D) Masson's Trichome	(IV) Lipids

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

- (A) - (IV), (B) - (II), (C) - (III), (D) - (I)
- (A) - (II), (B) - (I), (C) - (III), (D) - (IV)
- (A) - (III), (B) - (I), (C) - (II), (D) - (IV)
- (A) - (III), (B) - (I), (C) - (IV), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

4 2704

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

Assertion (A) : Myoepithelial cells force secretory product into duct system.

Reason (R) : Myoepithelial cells are well developed in sweat glands.

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

- Both (A) and (R) are correct and (R) is the correct explanation of (A).
- Both (A) and (R) are correct but (R) is NOT the correct explanation of (A).
- (A) is correct but (R) is not correct.
- (A) is not correct but (R) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

5 2705

4.0 1.00

Atlas of ox have

- (A) Foramen Alare
- (B) Foramen transversarium
- (C) Intervertebral foramen
- (D) Vertebral foramen

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

6 2706

4.0 1.00

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

List I	List II
(Type of Epithelium)	(Name of body part lined by it)
(A) Stratified Squamous	(I) External auditory canal
(B) Simple Squamous	(II) Duct of carpal gland
(C) Stratified Cuboidal	(III) Gall bladder
(D) Simple columnar	(IV) Endocardium

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

7 2707

Largest cell of erythrocytic series is

1. Rubricyte
2. Reticulocyte
3. Rubriblast
4. Megakaryocyte

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

8 2708

The most common cell of connective tissue is

1. Reticular cell
2. Macrophage
3. Fibrocyte
4. Mesenchymal cell

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

9 2709

4.0 1.00

Sequence of branching in bronchial tree is

- (A) Segmental bronchi
- (B) Lobar bronchi
- (C) Terminal bronchioli
- (D) Respiratory bronchioli

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

1. (A), (B), (C), (D).
2. (B), (A), (C), (D).
3. (B), (A), (D), (C).
4. (A), (B), (D), (C).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

10 2710

Ovarian bursa is enclosed by

- (A) Mesovarium
- (B) Mesosalpinx
- (C) Proper ligament of ovary
- (D) Mesometrium

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

11 2711

4.0 1.00

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

List I	List II
Foramen	Transmitted structures
(A) Maxillary Foramen	(I) Internal Maxillary artery
(B) Oval Foramen	(II) Mandibular nerve
(C) Supraorbital Foramen	(III) Frontal nerve and vessels
(D) Alar Foramen	(IV) Infraorbital nerve and vessels

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

- (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (A) - (I), (B) - (IV), (C) - (III), (D) - (II)
- (A) - (IV), (B) - (II), (C) - (III), (D) - (I)
- (A) - (IV), (B) - (I), (C) - (III), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

12 2712

In hens egg, the flask shaped white yolk extending from the blastodisc to the centre of the yellow yolk is known as :

- Blastoderm
- Chalaza
- Latebra
- Nuclear of ponder

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

13 2713

4.0 1.00

Horse ergot is actually rudimentary

1. Metacarpal / Metatarsal pads
2. Carpal / Tarsal Pads
3. Palmar / Plantar digital pad
4. Dorsal / Anterior digital pad

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

14 2714

4.0 1.00

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

List-I	List-II
(A) Reissner membrane	(I) Scala Vestibuli
(B) Tectorial membrane	(II) Malleus
(C) Cupula	(III) Spiral organ
(D) Tympanic membrane	(IV) Ampullary crest

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) - (I), (B) - (II), (C) - (IV), (D) - (III)
4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

15 2715

4.0 1.00

The cells which participate in the osteogenesis are

- (A) Osteoclasts
- (B) Osteoblasts
- (C) Osteocytes
- (D) Fibrocytes

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

16 2716

Expend cardiac tube portion of developing heart contains following structures craniocaudally after truncus arteriosus

- (A) Atrium
- (B) Ventricle
- (C) Bulbus cordis
- (D) Sinus venosus

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

1. (A), (B), (C), (D).
2. (A), (C), (B), (D).
3. (C), (B), (A), (D).
4. (C), (B), (D), (A).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

17 2717

4.0 1.00

Sequence of events in the formation of eye are

- (A) Formation of optic grooves
- (B) Optic vesicles formation
- (C) Optic cup formation
- (D) Formation of lens placodes

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

1. (A), (B), (C), (D).
2. (A), (C), (B), (D).
3. (A), (B), (D), (C).
4. (A), (D), (C), (B).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

18 2718

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

Assertion (A) : Sweeney or loose shoulder is a condition where scapula is held away from body.

Reason (R) : Radial nerve paralysis causes sweeney.

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

1. Both (A) and (R) are true and (R) is the correct explanation of (A).
2. Both (A) and (R) are true and (R) is **NOT** the correct explanation of (A).
3. (A) is true but (R) is false.
4. (A) is false but (R) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

19 2719

4.0 1.00

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

Assertion (A) : Excessive craniocaudal movement of the tibia relative to femur is called cranial drawer.

Reason (R) : Cranial drawer occurs due to rupture of cruciate ligament.

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

1. Both (A) and (R) are true and (R) is the correct explanation of (A).
2. Both (A) and (R) are true and (R) is not the correct explanation of (A).
3. (A) is true but (R) is false.
4. (A) is false but (R) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

20 2720

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

Assertion (A) : Optic grooves are primordia for ocular development.

Reason (R) : Optic groove appear at the end of neurulation prior to closure of the rostral neuropore.

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

1. Both (A) and (R) are true and (R) is the correct explanation of (A).
2. Both (A) and (R) are true and (R) is **NOT** the correct explanation of (A).
3. (A) is true but (R) is false.
4. (A) is false but (R) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

21 2721

4.0 1.00

Vibrio cholerae is a Gram negative bacteria. Based on the name and the staining character of the bacterium, what is its shape and colour when observed under microscope?

1. Spherical shape; pink colour
2. Spherical shape; violet colour
3. Conical shape; pink colour
4. Comma shape; pink colour

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

22	2722	Which of the following poxvirus infections is NOT an animal pox?	4.0	1.00
		<ol style="list-style-type: none"> 1. Cowpox 2. Contagious ecthyma or Orf 3. Chickenpox 4. Buffalopox 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

23	2723	How does an antibiotic penicillin work against bacteria?	4.0	1.00
		<ol style="list-style-type: none"> 1. Inhibit overall DNA synthesis 2. Selectively inhibit bacterial DNA synthesis 3. Inhibit peptidoglycan synthesis 4. Does not affect bacteria 		
		A1 : 1		
		A2 : 2		
		A3 : 3		

A4 : 4

Objective Question

24	2724	<p>Which of the following statements is INCORRECT with respect to Bovine Herpesvirus-1 (BoHV-1) infection?</p> <ol style="list-style-type: none">1. BoHV-1 infection cause Infectious bovine rhinotracheitis2. BoHV-1 infection cause Infectious pustular vulvovaginitis3. BoHV-1 cause latent infection and the virus persists in nerve ganglia with recrudescence after stress and/or immunosuppression4. BoHV-1 infection does not affect pregnant animals	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

25	2725	<p>Which of the following structural component is found in all animal viruses?</p> <ol style="list-style-type: none">1. Envelope2. DNA3. Nucleocapsid4. Spikes	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

26	2726		4.0	1.00
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Read the following statements about **immunoglobulin M (IgM)**

- (A) IgM is the initial antibody produced during immune response to a foreign pathogen.
- (B) IgM is a pentamer joined by J-chain with 10 F(ab) fragments and 10 paratopes
- (C) Very high IgM levels are found in a group of primary immunodeficiencies characterized by susceptibility to infections and malignancies
- (D) IgM cross placenta from mother to fetus and thus protects newborn progeny from intrauterine infections

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

27 2727

4.0 1.00

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

List I	List II
(Name of the Specific Diagnostic test)	(Name of the disease for which the test is employed)
(A) Milk Ring Test (MRT)	(I) Streptococcal Mastitis
(B) Ascoli's Precipitation test	(II) Bang's Disease
(C) Mallin test	(III) Anthrax
(D) CAMP test	(IV) Glanders

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

28 2728

4.0 1.00

Given below are two statements

Statement (I) : Phagocytosis is a cellular process for ingesting and eliminating particles, including foreign substances, microorganisms, and apoptotic cells.

Statement (II) : The process of phagocytosis involves several sequential steps, namely, Particle recognition, Particle ingestion, Phagosome formation, Phagolysosome formation and digestion

In light of the above statements, choose the *most appropriate* 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 and **Statement (II)** is false
4. **Statement (I)** is false and **Statement (II)** is true

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

29 2729

4.0 1.00

Peptidoglycan is a complex polymer of sugars and amino acids; the substance from which bacterial cell walls are made. Choose set of correct statements below with respect to peptidoglycan

- (A) A rigid layer of peptidoglycan consist of NAG and NAM which is crosslinked by short peptides
- (B) Antibiotics including penicillin does not inhibit peptidoglycan synthesis
- (C) Gram positive bacteria contain thick layer of peptidoglycan
- (D) Gram negative bacteria have less peptidoglycan

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

30 2730

4.0 1.00

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

Assertion (A) : Allergy to penicillin is example of Type 1 hypersensitivity and may be sometimes with fatal outcome.

Reason (R) : Type 1 hypersensitivity is mediated by IgE and Mast cell which undergo degranulation leading to heavy release of histamine that cause vasodilation

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

1. Both (A) and (R) are true and (R) is the correct explanation of (A).
2. Both (A) and (R) are true but (R) is **NOT** the correct explanation of (A).
3. (A) is true but (R) is false.
4. (A) is false but (R) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

31 2731

4.0 1.00

The broad functions of the complement system are mentioned below. Choose the set of correct statements

- (A) Activation of complement cascade and thereby mediate inflammation
- (B) Direct killing of target cells/microbes by lysis
- (C) Do not bind with apoptotic cells and antigen antibody complex
- (D) Opsonization (labeling) of pathogens and cells for clearance/destruction

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

32 2732

Process of antibody formation is a slow-acting, long-lasting, and more specific adaptive immune response. The adaptive immune response in B cells, Helper T cells and Cytotoxic T cells involve four phases mentioned below. Arrange these phases according to the order of occurrence from first to last.

- (A) Activation: Activation responses involve both changes in gene expression and in the initiation of cell division.
- (B) Memory: Long-lived, pre-activated immune cells that wait for a subsequent infection are formed in the memory phase of the adaptive immune response.
- (C) Encounter: Cells must first encounter antigens by binding specifically to them using specialized membrane proteins.
- (D) Attack: The immune cells attack invading pathogens or infected cells.

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

1. (A), (B), (C), (D).
2. (D), (C), (A), (B).
3. (B), (A), (D), (C).
4. (C), (A), (D), (B).

A1 : 1

A2 : 2

4.0 1.00

A3 : 3

A4 : 4

Objective Question

33 2733

4.0 1.00

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

List-I (Colony characters)	List-II (Name of specific bacteria)
(A) Swarming growth on Nutrient agar	(I) <i>Hemophilus</i>
(B) Metallic sheen on Eosin Methylene Blue agar	(II) <i>Pseudomonas</i>
(C) Green pigment on Nutrient agar	(III) <i>Proteus</i>
(D) Growth on Chocolate agar	(IV) <i>Escherichia coli</i>

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

- (A) - (III), (B) - (IV), (C) - (II), (D) - (I)
- (A) - (II), (B) - (IV), (C) - (I), (D) - (III)
- (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
- (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

34 2734

4.0 1.00

Upon inoculation into a new nutrient medium, the bacteria shows four distinct phases of growth. Arrange these phases according to the order they occur:

- Log phase
- Phase of decline
- Stationary phase
- Lag phase

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

- (A), (B), (C), (D).
- (D), (A), (C), (B).
- (B), (A), (D), (C).
- (C), (B), (D), (A).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

35 2735

4.0 1.00

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

Assertion (A) : Mismatched blood tranfusion is adverse reaction of Type 2 complement mediated cytotoxic hypersensitivity.

Reason (R) : Natural killer cells play a role in destruction of transformed cells.

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

1. Both (A) and (R) are true and (R) is the correct explanation of (A).
2. Both (A) and (R) are true and (R) is **NOT** the correct explanation of (A).
3. (A) is true but (R) is false.
4. (A) is false but (R) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

36 2736

4.0 1.00

What type of tissue changes develops when host animal is exposed to *Clostridium perfringens* infection?

1. Numerous abscesses
2. Epidermolysis with necrosis of subcutaneous tissue
3. Shock
4. Gas formation with necrosis of muscle and connective tissue

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

37 2737

4.0 1.00

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

List I	List II
(Infectious agents)	(Associated disease)
(A) Bacteria other than Mycoplasma	(I) Chronic respiratory disease
(B) Virus	(II) Brooder pneumonia
(C) Mycoplasma	(III) Blue tongue
(D) Fungi	(IV) Fowl cholera

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

- (A) - (IV), (B) - (III), (C) - (I), (D) - (II)
- (A) - (II), (B) - (III), (C) - (I), (D) - (IV)
- (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
- (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

38 2738

4.0 1.00

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

Assertion (A) : Human immunodeficiency virus (HIV) infections affecting WBCs is a cause of Acquired immunodeficiency syndrome (AIDS) and death

Reason (R) : The disease causing intrinsic factors are present within the body of host such as malfunctioning of immune system resulting in immunodeficiency disease and host may die due to secondary bacterial infection

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

- Both (A) and (R) are true and (R) is the correct explanation of (A).
- Both (A) and (R) are true but (R) is **NOT** the correct explanation of (A).
- (A) is true but (R) is false.
- (A) is false but (R) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

39 2739

4.0 1.00

Necrosis and apoptosis are two mechanisms involved in cell death in multicellular organisms. Choose statements that are TRUE for necrosis from the following statements:

- (A) Naturally occurring physiological process of premature cell death.
- (B) Pathological process caused by cell injury due to toxins, truma and infections.
- (C) Unregulated and accidental cell death.
- (D) Always harmful to the organism.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

40 2740

4.0 1.00

Four stages of formation of 'pox' lesion are grouped under each of the following. Choose correct sequence of formation of 'pox' lesion

- (A) Vesicle
- (B) Papule
- (C) Pustule
- (D) Pox

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

41	2741	<p>Double poured tapeworm of sheep and goats is</p> <ol style="list-style-type: none"> 1. <i>Moniezia expansa</i> 2. <i>Stilesia globipunctata</i> 3. <i>Moniezia benedeni</i> 4. <i>Avitellina centripunctata</i> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

42	2742	<p>The chemicals which possess potential of both initiating and promoting tumour are called</p> <ol style="list-style-type: none"> 1. Complete carcinogens 2. Initiators 3. Incomplete carcinogens 4. Promoters <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

43	2743		4.0	1.00
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Tracheal route of migration is found in

- (A) *Toxocara canis*
- (B) *Toxascaris leonina*
- (C) *Ascaris suum*
- (D) *Parascaris equorum*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

44 2744

4.0 1.00

Villous atrophy is associated with

- (A) *Eimeria ovinoidalis*
- (B) *Trichostrongylus colubriformis*
- (C) *Nematodirus battus*
- (D) *Strongyloides papillosus*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

45 2745

4.0 1.00

Which of the following parasite does not cause pimply gut condition in animals?

1. *Oesophagostomum columbianum*
2. *Oesophagostomum venulosum*
3. *Oesophagostomum radiatum*
4. *Oesophagostomum dentatum*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

46 2746

Which of the following are inornate ticks?

- (A) *Amblyomma integrum*
- (B) *Rhipicephalus (B.) microplus*
- (C) *Haemaphysalis bispinosa*
- (D) *Ixodes ricinus*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

47 2747

Intranuclear schizogony occurs in

1. *Eimeria ahsata*
2. *Eimeria alabamensis*
3. *Eimeria auburnensis*
4. *Eimeria bovis*

A1 : 1

4.0 1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

48	2748	<p>An adult rabbit was presented with chronic mucopurulent nasal discharge and sneezing. Which of the following is the most likely causative agent?</p> <ol style="list-style-type: none"> 1. <i>Cheyletiella parasitivorax</i> 2. <i>Echinococcus multilocularis</i> 3. <i>Eimeria stediae</i> 4. <i>Pasteurella multocida</i> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

49	2749	<p>The characteristic features of family Notocotylidae are</p> <ol style="list-style-type: none"> (A) Flukes have no ventral sucker (B) Flukes have ventral sucker (C) Eggs of flukes have filaments at both ends (D) Ovary is always pre-testicular <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A), (C) and (D) only. 2. (B) and (D) only. 3. (A) and (C) only. 4. (B), (C) and (D) only. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

50	2750		4.0	1.00
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Which of the following disease is not vertically transmitted?

1. Infectious bronchitis
2. Avian leukosis complex
3. EDS-76
4. Chronic respiratory disease (Mycoplasmosis)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

51 2751

4.0 1.00

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

List-I	List-II
(Disease)	(Causative agent)
(A) Espundia	(I) <i>Seteria digitata</i>
(B) Kumri	(II) <i>Ehrlichia bovis</i>
(C) Summer Bleeding	(III) <i>Leishmania braziliensis</i>
(D) Nopi	(IV) <i>Parafilaria bovicola</i>

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

52 2752

4.0 1.00

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

List-I	List-II
(Diagnostic test)	(Disease)
(A) Bachman test	(I) Toxoplasmosis
(B) TORCH	(II) Bovine trichomonosis
(C) INPOUCH [®] TF	(III) Leishmaniosis
(D) Montenegro test	(IV) Trichinosis

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

- (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (A) - (IV), (B) - (I), (C) - (II), (D) - (III)
- (A) - (III), (B) - (IV), (C) - (II), (D) - (I)
- (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

53 2753

4.0 1.00

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

List-I	List-II
(Disease)	(Post-mortem lesion)
(A) Theileriosis	(I) Thickening and corrugation of intestinal wall
(B) Johne's disease	(II) Morocco leather like abomasal mucosa
(C) Candidiasis	(III) Punched necrotic abomasal ulcers
(D) Ostertagiosis	(IV) Turkish towel crop

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

- (A) - (II), (B) - (I), (C) - (IV), (D) - (III)
- (A) - (III), (B) - (I), (C) - (IV), (D) - (II)
- (A) - (III), (B) - (IV), (C) - (II), (D) - (I)
- (A) - (IV), (B) - (III), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

54 2754

4.0 1.00

Sequentially arrange the following vascular changes in acute inflammatory response

- (A) Vasoconstriction
- (B) Blood flow becomes sluggish
- (C) Vasodilatation
- (D) Protein-rich fluid escapes from blood vessels
- (E) WBCs adhere to the blood vessel wall

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

55 2755

4.0 1.00

Arrange the following *Eimeria* spp. on the basis of their pathogenicity (starting from most pathogenic to least pathogenic)

- (A) *Eimeria acervulina*
- (B) *Eimeria brunetti*
- (C) *Eimeria mitis*
- (D) *Eimeria tenella*

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

1. (B), (D), (C), (A).
2. (D), (B), (A), (C).
3. (A), (B), (C), (D).
4. (D), (A), (C), (B).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

56 2756

4.0 1.00

Sequentially arrange the following insects on the basis of number of segments present in their antennae (from least to highest)

- (A) *Culex*
- (B) *Simulium*
- (C) *Tabanus*
- (D) *Culicoides*

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

1. (A), (B), (C), (D).
2. (D), (A), (C), (B).
3. (B), (A), (D), (C).
4. (C), (B), (D), (A).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

57 2757

4.0 1.00

Given below are two statements:

Statement (I) : Males are shorter than females in *Schistosoma* sp.

Statement (II) : Female *Schistosoma* sp. carry male in the gynaeophoric canal during copulation

In light of the above statements, choose the **most appropriate** 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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

58 2758

4.0 1.00

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

Assertion (A) : Benzimidazole resistance is common in *Haemonchus contortus* infecting sheep and goats at organized farms in India

Reason (R) : Benzimidazole resistance is diagnosed by faecal egg count reduction test (FECRT)

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

1. Both (A) and (R) are true and (R) is the correct explanation of (A).
2. Both (A) and (R) are true but (R) is **NOT** the correct explanation of (A).
3. (A) is true but (R) is false.
4. (A) is false but (R) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

59 2759

4.0 1.00

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

Assertion (A) : Inverse age susceptibility is seen in babesiosis in animals, except those infected with *Babesia canis*

Reason (R) : A well developed complement system is lacking in young ones, due to which parasites can't penetrate the RBCs

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

1. Both (A) and (R) are true and (R) is the correct explanation of (A).
2. Both (A) and (R) are true but (R) is **NOT** the correct explanation of (A).
3. (A) is true but (R) is false.
4. (A) is false but (R) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

60 2760

4.0 1.00

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

Assertion (A) : Neutrophils are highly phagocytic in nature

Reason (R) : They release toxic major basic proteins to kill the foreign body

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

1. Both (A) and (R) are true and (R) is the correct explanation of (A).
2. Both (A) and (R) are true but (R) is **NOT** the correct explanation of (A).
3. (A) is true but (R) is false.
4. (A) is false but (R) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

61 2761

4.0 1.00

Which of the following effects is not observed with systemic administration of glycopyrolate?

1. Antisialagogue
2. Tachycardia
3. Ocular effects
4. Smooth muscle relaxation

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

62 2762

4.0 1.00

Destruction of all the microorganisms (bacteria, viruses, and spores) on an inanimate surface is termed as

1. Antisepsis
2. Sterilization
3. Disinfection
4. Cleaning

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

63 2763

Which of the following is a synthetic, monofilament, absorbable suture material?

1. Polyglactin 910
2. Polyamide
3. Polydioxanone
4. Polypropylene

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

64 2764

The SI unit for measuring Equivalent Biologic Dose for radiation exposure is

1. 'rem'
2. 'gray'
3. Roentgen
4. Sievert

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

65	2765	<p>The hormone that is primarily responsible for the onset of ovarian activity and puberty, in animals is</p> <ol style="list-style-type: none">1. LH2. FSH3. GnRH4. Estradiol <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

66	2766	<p>When X-rays interact with matter, in which of the following situations, the chances of Compton's effect are more?</p> <ol style="list-style-type: none">1. Low energy X-ray photon interacting with inner shell electrons of the atom of the matter2. Low energy X-ray photon interacting with outer shell electrons of the atom of the matter3. High energy X-ray photon interacting with inner shell electrons of the atom of the matter4. High energy X-ray photon interacting with outer shell electrons of the atom of the matter <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

67	2767		4.0	1.00
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Given below are two statements, one is labelled as **Assertion (A)** and other one labelled as **Reason (R)**.

Assertion (A) : All clinically useful local anesthetics are weak bases, and exist in equilibrium between the neutral, non-ionized, lipid soluble, and the ionized (charged), water-soluble form

Reason (R) : All the clinically important local anesthetics are formulated as acidic solutions of hydrochloride salts which are more highly ionized, and thus water soluble

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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

68 2768

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

Assertion (A) : Left cranial lung lobe pulmonary artery is more easily visualized in the lateral thoracic radiographs, as compared to the right cranial lung lobe pulmonary artery

Reason (R) : The left cranial lung lobe pulmonary artery is located more dorsally in the thorax and is usually superimposed on other vessels or the thicker dorsal part of the mediastinum

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.

A1 : 1

A2 : 2

A3 : 3

4.0 1.00

A4 : 4

Objective Question

69 2769

4.0 1.00

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

Assertion (A) : Single layer apposition suture pattern is preferred in dogs for intestinal suturing

Reason (R) : Inverting suture patterns result in narrowing of intestinal lumen, whereas, everting suture patterns often lead to adhesion formation

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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

70 2770

4.0 1.00

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

Assertion (A) : In cows, insemination should be preferably done a few hours before the ovulation

Reason (R) : Sperm capacitation and acrosomal reaction in the genital tract of cow may take about six hours

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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

71 2771

4.0 1.00

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

List-I	List-II
(A) Sodium thiosulphate	(I) Non ionic iodinated contrast agent
(B) Iohexol	(II) Intensifying screen
(C) Hydroquinone	(III) Fixing agent
(D) Calcium tungstate	(IV) Reducing agent

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

- (A) - (III), (B) - (I), (C) - (II), (D) - (IV)
- (A) - (II), (B) - (I), (C) - (IV), (D) - (III)
- (A) - (III), (B) - (I), (C) - (IV), (D) - (II)
- (A) - (IV), (B) - (I), (C) - (III), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

72 2772

4.0 1.00

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

List-I	List-II
(A) Diffusion hypoxia	(I) Methoxyfluorane
(B) Volatile inhalant anesthetic agent with least blood-gas partition coefficient	(II) Halothane
(C) Most nephrotoxic volatile inhalant anesthetic agent	(III) Nitrous oxide
(D) Volatile inhalant anesthetic agent with lowest MAC	(IV) Sevofluorane

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

- (A) - (III), (B) - (I), (C) - (IV), (D) - (II)
- (A) - (II), (B) - (IV), (C) - (III), (D) - (I)
- (A) - (IV), (B) - (I), (C) - (III), (D) - (II)
- (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

73 2773

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

List-I	List-II
(A) Granulosa cells	(I) Activates LH surge
(B) Inhibin	(II) Lutein cells
(C) Estradiol	(III) Regulation of estrus in seasonal breeders
(D) Pineal gland	(IV) Antral follicles

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

- (A) - (II), (B) - (IV), (C) - (I), (D) - (III)
- (A) - (II), (B) - (IV), (C) - (III), (D) - (I)
- (A) - (IV), (B) - (I), (C) - (III), (D) - (II)
- (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

4.0 1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

74	2774	<p>The species that are induced ovulators include</p> <p>(A) Cat</p> <p>(B) Rabbit</p> <p>(C) Pig</p> <p>(D) Camel</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> (A) and (C) only. (A) and (B) only. (A), (B) and (C) only. (A), (B) and (D) only. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

75	2775	<p>Which of the following are non-ionic iodinated contrast agent(s)?</p> <p>(A) Diatrizoate meglumine</p> <p>(B) Iothalamate</p> <p>(C) Iohexol</p> <p>(D) Iopamidol</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> (A) and (D) only. (A) and (B) only. (C) and (D) only. (B) and (D) only. <p>A1 : 1</p> <p>A2 : 2</p>	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

76 2776

4.0 1.00

Which of the following surgery is/ are done in cases of ectopic ureter?

- (A) Neouretereostomy
- (B) Ureteroneocystostomy
- (C) Urethrostomy
- (D) Cystostomy

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

77 2777

4.0 1.00

During distal paravertebral anaesthesia in cattle, the thirteenth thoracic, and the first second lumbar spinal nerves are blocked at the transverse process of

- (A) First lumbar vertebra
- (B) Second lumbar vertebra
- (C) Third lumbar vertebra
- (D) Fourth lumbar vertebra

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

78 2778

4.0 1.00

Radiation sensitivity of the cells to X-rays, in decreasing order is

- (A) Skeletal muscle cells
- (B) Gut epithelial cells
- (C) Lymphoid cells
- (D) Germinal cells

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

1. (D), (B), (C), (A).
2. (C), (B), (D), (A).
3. (B), (D), (C), (A).
4. (A), (B), (D), (C).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

79 2779

4.0 1.00

Echogenicity of the organs at the time of ultrasound examination in dogs, in decreasing order is

- (A) Spleen
- (B) Prostate
- (C) Renal medulla
- (D) Renal cortex

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

1. (A), (B), (D), (C).
2. (C), (B), (D), (A).
3. (C), (D), (A), (B).
4. (B), (A), (D), (C).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

80 2780

Degree of proximity of the maternal and fetal blood circulations in the placenta of animals, in increasing order is :

- (A) Hemochorial
- (B) Epitheliochorial
- (C) Synepitheliochoreal
- (D) Endotheliochorial

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

1. (A), (B), (D), (C).
2. (B), (C), (D), (A).
3. (C), (D), (A), (B).
4. (B), (A), (D), (C).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

81 2781

‘Cud dropping’ condition may be observed in cattle due to

1. Pharyngeal paralysis
2. Esophageal obstruction
3. Pharyngitis
4. Esophageal ulcer

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

82 2782

4.0

1.00

Which of the following is not the correct combination?

1. Scaly limb- zinc
2. Perosis-choline
3. Curled toe paralysis- riboflavin
4. Pullet disease- vitamin E

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

83 2783

Which of the following combinations are correct for the control of environmental mastitis in dairy animals?

- (A) Dry cow management and therapy
- (B) Monitoring udder health status
- (C) Periodic review of the udder health management program
- (D) Good record keeping

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

84 2784

The prognosis of ovine ketosis is more fatal than bovine ketosis because of

1. Paralysis
2. Kidney damage
3. Irreversible brain damage
4. Liver damage

4.0 1.00

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

85 2785

4.0 1.00

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

Assertion (A) : Canine atopic dermatitis is characterized as a genetically predisposed tendency to develop IgE antibodies to environmental allergens, leading to a characteristic inflammatory and pruritic skin disease.

Reason (R) : Abnormality in the ratio between T helper 1 (TH1) cells and T helper 2 (TH2) cells is one of the causes of atopic dermatitis in dogs

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

1. Both (A) and (R) are true and (R) is the correct explanation of (A).
2. Both (A) and (R) are true but (R) is **NOT** the correct explanation of (A).
3. (A) is true but (R) is false.
4. (A) is false but (R) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

86 2786

4.0 1.00

In which of the following tissue, rabies viruses multiply in bats?

1. Brain tissue
2. Fatty tissue
3. Muscle
4. Spinal tissue

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

87	2787	<p>Given below are two statements:</p> <p>Statement (I) : In lactation tetany, affected animals are hypersensitive to sound but handling may precipitate increased tetany.</p> <p>Statement (II) : The lactation tetany is most common when draft horse breeding is widely practiced</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none">Both Statement (I) and Statement (II) are true.Both Statement (I) and Statement (II) are false.Statement (I) is true but Statement (II) is false.Statement (I) is false but Statement (II) is true. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

88	2788	<p>Obstructive urolithiasis is a common affection of urinary tract in castrated male animals. There are different factors that sequentially contribute to urolithiasis. Choose the most appropriate sequence from the below mentioned statements,</p> <ol style="list-style-type: none">The factors that facilitate precipitation of solutes.The factors that favor the developement of nidus.Stasis of urine and difficulty in urination.The factors that favor concretion by cementing precipitated salts. <p>Choose the <i>correct</i> answer from the options given below:</p> <ol style="list-style-type: none">(A), (B), (C), (D).(A), (D), (C), (B).(B), (A), (D), (C).(C), (B), (D), (A). <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

89 2789

Which one of the followings is a reason for development of mylophthistic anemia?

1. Radiation injury
2. Equine infectious anemia
3. Lymphosarcoma
4. Deficiency of copper and cobalt

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

90 2790

Match List I with List II

List I	List II
Name of drugs used for respiratory diseases	Characteristics
(A) Saline	(I) Surface active agent
(B) Propylene glycol	(II) Mucolytic agent
(C) Bromohexin	(III) Diluent mucokinetic agent
(D) Iodide	(IV) Bronchomucotropic agent

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

91 2791

4.0 1.00

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

Assertion (A) : The iron deficiency anemia is very common in nursing piglets.

Reason (R) : The rapidly growing piglets require high amount of iron and sow milk is deficient in iron.

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

1. Both (A) and (R) are true and (R) is the correct explanation of (A).
2. Both (A) and (R) are true but (R) is not the correct explanation of (A).
3. (A) is true but (R) is false.
4. (A) is false but (R) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

92 2792

Given below are two statements:

Statement (I) : When the animals are infected with a host adapted serovar of *Leptospira* spp., they are called as reservoir hosts.

Statement (II) : The *Leptospira* spp. infection show a short kindley phase in the maintenance host.

In light of the above statements, choose the *most appropriate* 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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

93 2793

4.0 1.00

Given below are two statements:

Statement (I) : Coombs' test is used for diagnosis of immune mediated hemolytic anemia of cats.

Statement (II) : The immune mediated hemolytic anemia of cats can also be diagnosed by slide agglutination test.

In light of the above statements, choose the *most appropriate* 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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

94 2794

What is the correct sequence of neutrophil formation in cat?

- (A) Myelocyte
- (B) Myeloblast
- (C) Megamyelocyte
- (D) Segmented neutrophil

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

1. (A), (B), (C), (D).
2. (D), (C), (A), (B).
3. (B), (A), (D), (C).
4. (B), (A), (C), (D).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

95 2795

4.0 1.00

What are the normal levels of urea nitrogen and creatinine in blood of a healthy cattle ?

1. 28-35 mg/dL & 3-4 mg/dL, respectively.
2. 50-60 mg/dL & 4-5 mg/dL, respectively
3. 25-50 mg/dL & 3-4 mg/dL, respectively
4. 6-27 mg/dL & 1-2 mg/dL, respectively

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

96 2796

Which of the following hormones are released in maximum amount during Ferguson's reflex at parturition?

1. Estrogen
2. Progesterone
3. Oxytocin
4. Thyroxin

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

97 2797

4.0 1.00

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

List-I	List-II
(A) Equine viral arteritis	(I) Abortion at last four months of pregnancy
(B) Equine herpes virus	(II) Abortion in the latter half of pregnancy
(C) <i>Aspergillus</i> spp.	(III) Fungal abortion
(D) <i>Taylorella equigenitalis</i>	(IV) Congious equine metritis

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

- (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (A) - (II), (B) - (I), (C) - (III), (D) - (IV)
- (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
- (A) - (II), (B) - (IV), (C) - (III), (D) - (I)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

98 2798

4.0 1.00

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

Assertion (A) : The most frequent cause of maternal dystocia of female buffalo is uterine torsion.

Reason (R) : The uterus of buffalo contains long uterine ligaments and low number of smooth muscle cells in the broad ligament.

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

- Both (A) and (R) are correct and (R) is the correct explanation of (A).
- Both (A) and (R) are correct and (R) is not the correct explanation of (A).
- (A) is correct but (R) is not correct.
- (A) is not correct but (R) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

99	2799	<p>Which of the following hormones inhibits the secretion of FSH ?</p> <ol style="list-style-type: none">1. Genistein2. Follistatin3. Relaxin4. Activin <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

100	2800	<p>Given below are two statements:</p> <p>Statement (I) : Progesterone has the inhibitory effect of gonadotropin release.</p> <p>Statement (II) : Melatonin modulates the frequency of GnRH secretion from hypothalamous.</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none">1. Statement (I) is false but Statement (II) is true.2. Both Statement (I) and Statement (II) are false.3. Statement (I) is true but Statement (II) is false.4. Both Statement (I) and Statement (II) are true. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

101	2801		4.0	1.00
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Arrange the routes of drug administration in the sequence that offer bioavailability from low to high

- (A) Intramuscular route
- (B) Intravenous route
- (C) Topical route
- (D) Subcutaneous route

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

102 2802

Ionization percentage of a drug when pH of the medium = pKa of drug is

- 1. 100%
- 2. 50%
- 3. 0%
- 4. 1%

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

103 2803

Main source of Digitoxin is

- 1. Snake root
- 2. Fox glove
- 3. Nux vomica
- 4. Yew tree

4.0 1.00

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

104 2804

4.0 1.00

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

List-I	List-II
(Process)	(Element)
(A) Transformation	(I) Bacteriophages
(B) Transduction	(II) Spontaneous
(C) Conjugation	(III) Free DNA from Environment
(D) Mutation	(IV) Pilus

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

- (A) - (II), (B) - (I), (C) - (III), (D) - (IV)
- (A) - (III), (B) - (I), (C) - (IV), (D) - (II)
- (A) - (I), (B) - (III), (C) - (IV), (D) - (II)
- (A) - (II), (B) - (I), (C) - (IV), (D) - (III)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

105 2805

4.0 1.00

All of these are pro-drugs except

- Enalapril
- Lisinopril
- Benazepril
- Ramipril

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

106 2806

4.0 1.00

Arrange the below listed anesthetic agents from lower to higher duration of action

- (A) Amobarbitone
- (B) Thiopentone
- (C) Pentobarbitone
- (D) Phenobarbitone

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

1. (B), (A), (C), (D).
2. (B), (C), (A), (D).
3. (B), (C), (D), (A).
4. (C), (B), (D), (A).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

107 2807

4.0 1.00

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

List-I	List-II
Target	Agent
(A) Na, K -2Cl symporter	(I) Frusemide
(B) Na-Cl symporter	(II) Triamterene
(C) Renal epithelial Na channel	(III) Acetazolamide
(D) Carbonic anhydrase	(IV) Chlorothiazide

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

108 2808

4.0 1.00

Consider the classification of anti-arrhythmic drugs

- (A) Quinidine is a class I anti-arrhythmic drug
- (B) Amiodarone is a class IV anti-arrhythmic drug
- (C) Propranolol is a class II anti-arrhythmic drug
- (D) Lignocaine is a class I anti-arrhythmic drug

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

109 2809

4.0 1.00

Arrange the below listed cephalosporins in the order of first to fourth generation

- (A) Ceftriaxone
- (B) Cephalexin
- (C) Cefuroxime
- (D) Cefepime

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

1. (A), (C), (B), (D).
2. (B), (C), (D), (A).
3. (B), (C), (A), (D).
4. (C), (B), (A), (D).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

110 2810

Chronicity factor is given by the ratio of

1. Acute LD50/Chronic LD50
2. Acute LD 50/Chronic LD1
3. Chronic LD50/Acute LD50
4. Acute LD25/Chronic LD 75

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

111 2811

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

List-I	List-II
(Agent)	(Class)
(A) Fenvalerate	(I) Organophosphate
(B) Malathion	(II) Carbamate
(C) Paraquat	(III) Pyrethroid
(D) Propoxur	(IV) Bipyridinium compound

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question			
112	2812	<p>Treatment of cyanide poisoning involves use of</p> <p>(A) Sodium nitrite</p> <p>(B) Sodium thiosulfate</p> <p>(C) BAL</p> <p>(D) Artificial oxygen respiration</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> (A), (B) and (C) only. (B), (C) and (D) only. (A), (B), (C) and (D). (A), (B) and (D) only. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0 1.00

Objective Question			
113	2813	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : Oxalate poisoning in animals occurs after ingestion of large quantities of plants containing oxalates.</p> <p>Reason (R) : Poisoning occurs due to interaction of oxalates with calcium in the gut.</p> <p>In light of above statements, choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> Both (A) and (R) are true and (R) is the correct explanation of (A). Both (A) and (R) are true but (R) is NOT the correct explanation of (A). (A) is true but (R) is false. (A) is false but (R) is true. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0 1.00

Objective Question			
114	2814		4.0 1.00

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

Assertion (A) : Strychnine induces convulsions.

Reason (R) : Strychnine induces convulsions by antagonizing GABA_A receptors.

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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

115 2815

Given below are two statements:

Statement (I) : Permethrin is a Type I pyrethroid

Statement (II) : Deltamethrin and cypermethrin are Type II pyrethroid

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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

116 2816

4.0 1.00

Family unit of lions is called as

1. Herd
2. Flock
3. Pride
4. Pack

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

117 2817

Gall bladder is absent in

- (A) Elephant
- (B) Horse
- (C) Chicken
- (D) Rhinoceros

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

118 2818

Kyasanur forest disease in monkey is caused by

1. Morbili virus
2. Rhabdo virus
3. Pox virus
4. Flavi virus

A1 : 1

4.0 1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

119 2819

4.0 1.00

Given below are two statements:

Statement (I) : Parrot fever is caused by *Chlamydia psittaci*.

Statement (II) : Parrot fever is also known as Psittacosis.

In light of the above statements, choose the *most appropriate* 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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

120 2820

4.0 1.00

Given below are two statements:

Statement (I) : Dromedary and Bactrian are humped camels

Statement (II) : Two humps are characteristic feature of Dromedary camels

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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

