

PREVIEW QUESTION BANK

Module Name : VETERINARY SCIENCE-ENG
Exam Date : 14-Jul-2023 Batch : 10:00-12:00

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	2801	Ceruminous glands are (A). Simple coiled tubular glands (B). Apocrine glands (C). Simple branched tubular glands (D). Holocrine glands Choose the correct answer from the options given below: 1. (A) and (D) only. 2. (B) and (C) only. 3. (C) and (D) only. 4. (A) and (B) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
2	2802	Globule leukocyte are considered subpopulation of 1. T lymphocyte 2. B Lymphocyte 3. Eosinophils 4. Neutrophils A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
3	2803		4.0	1.00

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

Assertion (A) : Collagen fibers cannot be seen in standard histological preparation of hyaline cartilage.

Reason (R) : The ground substance and collagen fibers of hyaline cartilage have same refractive index

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

4	2804	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Triad is present in skeletal muscle. Reason (R) : T tubule and terminal cisternae of sarcoplasmic reticulum form triad. In light of the above statements, choose the <i>correct</i> 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
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Objective Question

5	2805	Given below are two statements: Statement (I): Auditory tube equalizes the air pressure on both site of tympanic membrane. Statement (II): Auditory tube is lined by ciliated pseudostratified columnar epithelium. In light of the above statements,choose the <i>most appropriate</i> 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.	4.0	1.00
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A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

6	2806	Which statements are correct regarding Tapetum Lucidum (A). It is blue green refractive structure just above optic disc (B). It help in dim light vision (C). In carnivore, cellular Tapetum is present (D). In bovine, fibrous Tapetum is present 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
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Objective Question

7	2807	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Internal maxillary artery in ox is extraosseous. Reason (R) : In ox, alar canal is absent. 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
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Objective Question

82808

4.01.00

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

List-I (Foramen)	List-II (Bone in which it is present)
(A). Hypoglossal	(I). Occipital
(B). Infra orbital	(II). Sphenoid
(C). Supraorbital	(III). Frontal
(D). Orbitorotundum	(IV). Maxilla

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

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

2. (A) - (I), (B) - (IV), (C) - (III), (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

9	2809	Pineal gland is part of - Mesencephalon - Diencephalon - Telencephalon - Metencephalon A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

10	2810	Adenohypophysis develops from - Endoderm of dorsal pharyngeal roof - Ectoderm of dorsal pharyngeal roof - Mesoderm of dorsal pharyngeal roof - Ectoderm of hypothalamus	4.0	1.00
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		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

11	2811	Posterior epithelium of cornea is composed of 1. Simple columnar epithelium 2. Stratified columnar epithelium 3. Simple cuboidal epithelium 4. Simple squamous epithelium A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

12	2812	Starting from the earliest, sequentially arrange the following events occurring during fertilization: (A). Penetration of corona radiata and zona pellucida by spermatozoon (B). Contact of spermatozoon with vitelline membrane leading zona reaction (C). Formation of male and female pronuclei (D). Fusion of pronuclei 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. (C), (B), (D), (A). A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

13	2813		4.0	1.00
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Femoral canal contains

(A). Femoral artery

(B). Femoral vein

(C). Saphenous nerve

(D). Deep inguinal lymph gland

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. (A) and (B) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

14	2814	The correct sequence in which the branches of femoral artery arise from main trunk is: (A). Pudendoepigastric trunk (B). Anterior femoral artery (C). Saphenous artery (D). Deep femoral artery Choose the correct answer from the options given below: 1. (A), (B), (C), (D). 2. (A),(D), (B), (C). 3. (A),(B), (D), (C). 4. (A), (C), (B), (D). A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

15	2815		4.0	1.00
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When maxillary and nasomedial processes fail to unite during embryonic development the condition is called

1. Cleft lip
2. Cleft palate
3. Astomium
4. Tongue tied

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

16	2816	Which of these cells arise from neural crest cells (A). Melanocytes (B). Odontoblasts (C). Schwann cells (D). Chromaffin cells of adrenal Choose the correct answer from the options given below: 1. (A), (B) and (D) only. 2. (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
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Objective Question

17	2817		4.0	1.00
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Match **List-I** with **List-II**

List-I (Remnant structure)	List-II (Duct part forming it)
(A). Epooophoron	(I). Mesonephric tubule cranial to developing gonads
(B).Paraoophoron	(II). Mesonephric tubule caudal to developing gonads
(C). Gartner's duct	(III). Paramesonephric duct
(D). Uterus masculinus	(IV). Mesonephric duct

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

18 2818

4.0 1.00

Tongue is innervated by these cranial nerves

- (A). IVth
(B). Vth
(C). VIIth
(D). IXth

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

19 2819

4.0 1.00

Chronology of events occurring during nervous system development are

(A). Neural plate formation

(B). Change of ectodermal cells of embryonic disc to pseudostratified columnar neuroepithelial cells

(C). Neural tube formation

(D). Neural fold formation

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

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

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

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

20 2820

4.0

1.00

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

List-I (Organ)	List-II (Lining epithelium)
(A). Oesophagus	(I). Transitional
(B). Ureter	(II). Simple squamous
(C). Heart	(III). Stratified Squamous
(D). Nasal cavity proper	(IV). Ciliated pseudostratified columnar

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

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

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

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

21 2821

4.0

1.00

Which of the following sequences of viruses is correct based on their size (nanometer) in decending order?

1. Poxvirus_Herpesvirus_Birnavirus_Picornavirus
2. Picornavirus_Birnavirus_Herpesvirus_Poxvirus
3. Birnavirus_Picornavirus_Herpesvirus_Poxvirus
4. Poxvirus_Herpesvirus_Picornavirus_Birnavirus

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

22	2822	Arrange the following micro-organisms in ascending order on the basis of their size: (A). <i>Parvovirus</i> (B). <i>Clostridium tetani</i> (C). <i>Mycoplasma gallisepticum</i> (D). <i>Balantidium coli</i> Choose the correct answer from the options given below: 1. (A), (C), (B), (D). 2. (B), (A), (C), (D). 3. (C), (A), (B), (D). 4. (D), (B), (A), (C). A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

23	2823		4.0	1.00
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Phagocytosis is the killing of bacteria by the neutrophils or macrophage and it is considered as the first line of defence against an invading pathogen. Stages of phagocytosis are given below. Arrange them in the order it occur.

- (A). Ingestion of particle by the neutrophil and formation of phagosome
- (B). Recognition of particle by the neutrophil followed by chemotaxis
- (C). Fusion of phagosome with lysosome and formation of phagolysosome
- (D). Pathogen killing

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

24 2824

4.0 1.00

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

List-I (Name of fungus)	List-II (Diseases associated with the fungi)
(A). <i>Malassezia pachydermidis</i>	(I). Thrush in human and animals
(B). <i>Aspergillus flavus</i>	(II). Ootitis and dermatitis in dogs
(C). <i>Candida albicans</i>	(III). Ring worm in human
(D). <i>Epidermophyton, Microsporum, and Trichophyton</i>	(IV). Aflatoxicosis in poultry

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

25 2825

4.0 1.00

Which of the following statements is INCORRECT about immunoglobulin E (IgE)?

1. IgE molecule have an array of physiological functions, such as Type I hypersensitivity reactions as well as parasitic infections.
2. The heavy chain of IgE contains an extra domain.
3. High IgE levels are found in anaphylactic shock.
4. IgE is a pentamer and like IgM it have 10 F(ab) regions

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

26	2826	4.0	1.00
Which of the following viral symmetry is found in bacterial viruses? 1. Complex Binal (both Icosahedral head and helical body) symmetry 2. Helical or Icosahedral symmetry but not both 3. Helical symmetry 4. Complex symmetry with unusual morphology A1 : 1 A2 : 2 A3 : 3 A4 : 4			

Objective Question

272827

4.01.00

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

List-I (Name of the virus)	List-II (Disease)
(A). Atadenovirus	(I). Malignant catarrhal fever in cattle
(B). Macavirus	(II). <i>Peste des petits</i> in ruminants
(C). Parapoxvirus	(III). Egg drop syndrome-76
(D). Morbillivirus	(IV). Contagious ecthyma in goats

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

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

28	2828	Virus replication inside the susceptible host takes place in different steps as below. Arrange these steps as per the order they occur. (A). Synthesis of structural proteins (B). Assembly, maturation and release of virus (C). Attachment, penetration and uncoating (D). Synthesis of mRNA and functional proteins Choose the correct answer from the options given below: 1. (C), (D), (A), (B). 2. (B), (A), (D), (C). 3. (B), (D), (A), (C). 4. (C), (B), (D), (A). A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

29	2829	Peptidoglycan is a complex polymer of sugars and amino acids; the substance from which bacterial cell walls are made. Bacteria are divided into Gram positive and Gram negative on the basis of cell wall of the bacteria and Gram's staining. Choose set of correct statements below with respect to Gram negative bacteria (A). Gram negative bacteria contain thick layer of peptidoglycan and therefore they stain pink in colour. (B). Antibiotic penicillin is less effective on Gram negative bacteria (C). All the genera of the family Enterobacteriaceae consist of Gram negative bacteria (D). Gram negative bacteria have less peptidoglycan and therefore they stain pink in colour. 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) only. 4. (A), (C) and (D) only. A1 : 1 A2 : 2	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

30	2830	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Hemolytic disease after mismatched blood tranfusion is example of Type 2 hypersensitivity and may be sometimes with fatal outcome. Reason (R) : Type 2 hypersensitivity is mediated by IgG and IgM directed against antigens on circulating red blood cells that leads to cell lysis In light of the above statements, choose the <i>correct</i> 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 for (A). (A) is true but (R) is false. (A) is false but (R) is true. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

31	2831	Read the following statements regarding the complement system. Choose the set of correct statements about appropriate properties of complement (A). Complement activity is destroyed (inactivated) by heating serum at 56 °C for 30 minutes. (B). Complement activity opsonize bacteria for enhanced phagocytosis and facilitate lysis of the bacteria (C). Complement is non antibody heat stable serum proteins (D). Complement comprises over 20 different serum proteins that are produced by a variety of cells including, hepatocytes, macrophages and gut epithelial cells. Choose the <i>correct</i> answer from the options given below: (A), (B) and (D) only. (A), (B) and (C) only. (A), (C) and (D) only. (B), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

32	2832	Acid fast staining method is used for detection of mycobacteria and bacterial spores. Arrange the steps according to the appropriate procedure for Acid fast staining. (A). Primary staining by Strong Carbol fuchsin (B). Use mordant by steaming the slide with a Bunsen burner over the sink (C). Decolorise by Acid Alcohol (D). Counterstain by flooding the slide with Methylene Blue Choose the correct answer from the options given below: 1. (A), (B), (C), (D). 2. (A), (C), (B), (D). 3. (B), (A), (D), (C). 4. (C), (B), (D), (A). A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

33	2833	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : On Eosin Methylene Blue (EMB) agar, some lactose fermenting species of enterobacteria, such as <i>Escherichia coli</i> will grow into pink colonies, but <i>Salmonella</i> does not. Reason (R) : Members of genus <i>Salmonella</i> are non lactose fermenters. In light of the above statements, choose the <i>most appropriate</i> 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	4.0	1.00
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Objective Question

34	2834		4.0	1.00
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Upon inoculation into a new nutrient medium, the bacteria shows four distinct phases of growth (Lag phase, Log phase, Stationary phase and Phase of decline) Choose the correct option with respect to proportion of viable bacteria over a period of time in various phases.

- (A). Lag phase :Total number of metabolically active (but not dividing) bacteria is low.
- (B). Log phase :Total number of bacteria is high in which number of dying cells is higher than number of dividing cells
- (C). Stationary phase:Total number of bacteria is constant in which number of dividing cells is equal to the number of dying cells
- (D). Phase of decline: Total number of bacteria may be high in which number of dying cells is higher than number of dividing cells.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

35	2835	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Tuberculin and Johnin tests are serological tests employed for diagnosis of Bovine Tuberculosis and Paratuberculosis, respectively Reason (R) : Both the tuberculin and Johnin tests are based on antigen-antibody complex mediated type 3 hypersensitivity reaction 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 and (R) is also false A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

36	2836		4.0	1.00
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Which of the following pairs of the disease and it's etiological agent is not correct?

1. Fowl cholera- *Vibrio cholerae*
2. Duck plague-Alpha herpesvirus 1
3. Fowl plague-highly pathogenic avian influenza viruses (HPAIV)
4. Human Bubonic plague-*Yersinia pestis*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

37 2837

4.0

1.00

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

List I	List II
(Infectious agents)	(Associated disease)
(A). Mycobacteria	(I). Indian tick typhus
(B). Prions	(II). Thrush
(C). Rickettsia	(III). Mad cow disease
(D). Yeast	(IV). Leprosy

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

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

38 2838

4.0

1.00

Which of the following is the preformed mediator of inflammation?

1. Histamine
2. Leukotrienes
3. Platelet activation factor
4. The membrane attack complex

		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

39	2839	Which of the following statements is INCORRECT with respect to Rabies? 1. Caused by Rhabdovirus 2. The virus is positive sensed ssRNA 3. Diagnosis of Rabies is done by Direct FAT that detect specific antibodies in serum obtained from suspected animals 4. Demonstration of inclusion bodies called Negri bodies is considered pathognomonic A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

40	2840	Given below are two statements regarding apoptosis, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Defective apoptotic processes have been implicated in a wide variety of diseases Reason (R) : Excessive apoptosis causes atrophy whereas an insufficient amount results in cancer. In light of the above statements, choose the <i>correct</i> 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	4.0	1.00
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Objective Question

41	2841	Chiclero's ulcer is caused by 1. <i>Sarcoptes scabiei</i> 2. <i>Leishmania mexicana</i> 3. <i>Strongyloides stercoralis</i> 4. <i>Entamoeba histolytica</i>	4.0	1.00
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		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
42	2842	'Bow-shaped' slits are present in the posterior spiracles of 1. <i>Oestrus ovis</i> 2. <i>Hypoderma bovis</i> 3. <i>Lucilia sericata</i> 4. <i>Gasterophilus intestinalis</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
43	2843	Parasite causing both Visceral Larva Migrans and Cutaneous Larva Migrans is 1. <i>Toxocara canis</i> 2. <i>Ancylostoma caninum</i> 3. <i>Strongyloides stercoralis</i> 4. <i>Gnathostoma spinigerum</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
44	2844	Which of the following is not a phagocytic cell? 1. Plasma cell 2. Macrophage 3. Neutrophil 4. Eosinophil A1 : 1	4.0	1.00

		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
45	2845	<i>Gasterophilus intestinalis</i> deposits their eggs mainly around 1. Fetlock and scapular region 2. Intermendibular region 3. Mouth 4. Peri-anal region A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
46	2846	Which one of the following is an exogenous pigmentation? 1. Lipofuscinosis 2. Tattooing 3. Melanosis 4. Hemosiderosis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
47	2847		4.0	1.00

A granuloma is composed of

(A). Fused macrophages (giant cells)

(B). Epithelioid cells

(C). A mixture of chronic inflammatory cells

(D). Fibroblasts

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

48	2848	Which of the following are associated with thrombosis? (A). Activation of the coagulation mechanism (B). Thrombocytopenia (C). Formation of platelet aggregates (D). Endothelial damage Choose the correct answer from the options given below: 1. (A), (B) and (C) 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	4.0	1.00
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Objective Question

49	2849		4.0	1.00
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Which of the following parasites are zoonotic in India?

- (A). *Cryptosporidium parvum*
 (B). *Trypanosoma gambiense*
 (C). *Leishmania donovani*
 (D). *Sarcoptes scabiei*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

50	2850	Which of the following helminths utilize cyclops as an intermediate host? (A). <i>Diphyllbothrium latum</i> (B). <i>Gnathostoma spinigerum</i> (C). <i>Dracunculus medinensis</i> (D). <i>Dipylidium caninum</i> 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
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Objective Question

51	2851		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
(Name of vaccine)	(Type of vaccine)
(A). Rakshavac-T	(I). Subunit Vaccine
(B). CoxAbic	(II). Killed Vaccine
(C). TICKGARD	(III). Live Attenuated Vaccine
(D). Anaplaz	(IV). Recombinant Vaccine

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

52 2852

4.0 1.00

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

List-I	List-II
(A). Livor mortis	(I). Pus in oviduct
(B). Pyosalpinx	(II). Blood in vomitus
(C). Hematemesis	(III). Postmortem hypostasis
(D). Hemoptysis	(IV). Blood in sputum

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

53

2853

4.0

1.00

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

List-I	List-II
(Parasite)	(Metacestode stage)
(A). <i>Taenia multiceps</i>	(I). <i>Cysticercus tenuicollis</i>
(B). <i>Mesocestoides ambiguus</i>	(II). Tetrathyridium
(C). <i>Taenia hydatigena</i>	(III). Strobilocercus
(D). <i>Taenia taniaeformis</i>	(IV). Coenurus

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

54	2854	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Proud flesh develops when normal proliferative phase of wound healing process proceeds unrestricted Reason (R) : This predisposition occurs due to high tissue tension and movement that prevents the healing of a wound 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	4.0	1.00
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Objective Question

55	2855		4.0	1.00
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Given below are two statements:

Statement (I): Sabin-Feldman dye test is a sensitive and specific method for diagnosis of toxoplasmosis

Statement (II): If the tachyzoites do not stain with 1% methylene blue stain, then the test is negative

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

56	2856	Given below are two statements: Statement (I): Summer sores in horses is caused by the deposition of larvae of stomach worms in existing wounds by the visiting infected flies Statement (II): The lesions of varying size are seen on legs, withers and sheath, and heal spontaneously in winters In light of the above statements, choose the <i>most appropriate</i> 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
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Objective Question

57	2857		4.0	1.00
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Given below are two statements:

Statement (I): Self cure phenomenon is a highly species-specific phenomenon and occurs when a larval population of a particular nematode is superimposed on an existing adult worm population of the same nematode

Statement (II): The self-cure phenomenon is a Type-I hypersensitivity reaction and can be eliminated by administration of antihistaminic drug

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	2858	Sequentially arrange the following stages in order of their appearance in the life-cycle of <i>Fasciola gigantica</i> (A). Miracidium (B). Redia (C). Cercaria (D). Sporocyst (E). Metacercaria Choose the correct answer from the options given below: 1. (A), (B), (C), (D), (E). 2. (A), (D), (B), (C), (E). 3. (B), (A), (D), (C), (E). 4. (A), (B), (D), (E), (C). A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

59	2859		4.0	1.00
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Arrange the following flotation solutions in increasing order on the basis of their specific gravity

(A). Saturated Sodium Chloride solution

(B). Saturated Zinc Sulphate solution

(C). Sheather's sugar solution

(D). 35% Magnesium sulphate solution

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

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

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

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

60 2860

4.0 1.00

Starting from the largest to smallest, arrange the following parasites on the basis of the size of their oocyst

(A). *Eimeria maxima*

(B). *Eimeria leuckarti*

(C). *Eimeria subspherica*

(D). *Cryptosporidium parvum*

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

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

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

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

61 2861

4.0 1.00

Which of the following effects is not observed with systemic administration of acepromazine in horses?

1. Anxiolysis

2. Hypotension

3. Priapism

4. Reduction in respiratory tidal volume

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

62	2862	Which of the following is an isotonic, alkalinizing, replacement solution? 1. Normal saline 2. Ringer's solution 3. Ringer's lactate 4. 5% dextrose in 0.45% saline solution A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

63	2863	A fresh traumatic wound, which is less than 4-hour old, can be termed as 1. Clean 2. Clean contaminated 3. Contaminated 4. Dirty A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

64	2864	Hounsfield unit is a term, associated with which of the following imaging technique? 1. MRI 2. CT scan 3. Doppler ultrasonography 4. Nuclear scintigraphy A1 : 1	4.0	1.00
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		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
65	2865	Which of the following species has seasonally polycyclic estrus cycle? 1. Cow 2. Sow 3. Bitch 4. Mare A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
66	2866	When X-rays interact with matter, in which of the following situations, the chances of photoelectric effect are more? 1. X-ray photon having slightly higher energy than the binding energy of inner shell electron, interacting with outer shell electrons of the atom 2. X-ray photon having slightly higher energy than the binding energy of inner shell electron, interacting with inner shell electrons of the atom 3. X-ray photon having much higher energy than the binding energy of inner shell electron, interacting with outer shell electrons of the atom 4. X-ray photon having much higher energy than the binding energy of inner shell electron, interacting with inner shell electrons of the atom A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
67	2867		4.0	1.00

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

Assertion (A) : Epinephrine should not be added to ropivacaine, to increase its duration of action

Reason (R) : All the local anesthetics cause vasoconstriction upon local administration, except ropivacaine and levobupivacaine

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	2868	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : In a lateral thoracic radiograph, solid lesions in the dependent lung may not be visualized Reason (R) : The non-dependent lung suffers atelectasis, and hides the lesion beneath it In light of the above statements, choose the <i>most appropriate</i> 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	4.0	1.00
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Objective Question

69	2869	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : In ruminants, traumatic diaphragmatic hernia is commonly seen in the central tendinous portion of the diaphragm Reason (R) : Central tendinous portion is the thinnest part of the diaphragm, and lacks tone In light of the above statements, choose the <i>most appropriate</i> 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.	4.0	1.00
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A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

70 2870

4.0

1.00

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

Assertion (A) : Exogenous melatonin administration can be used to advance the onset of breeding season in ewes and does

Reason (R) : Ewes and does are long-day breeders

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 2871

4.0

1.00

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

List-I	List-II
(A). Iopanoic acid	(I). Myelography
(B). Iohexol	(II). Contrast enhanced CT
(C). Barium sulphate	(III). Cholecystography
(D). Gadolinium based contrast agents	(IV).Gastrography

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

72

2872

4.0

1.00

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

List-I	List-II
(A). Dexmedetomidine	(I). Naloxone
(B). Diazepam	(II). Atipamizole
(C). d-Tubocurarine	(III). Neostigmine
(D). Fentanyl	(IV). Flumazenil

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

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

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

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

732873

4.01.00

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

List-I	List-II
(A). Epitheliochoreal placenta	(I). Carnivores
(B). Synepitheliochoreal placenta	(II). Primates
(C). Endotheliochoreal placenta	(III). Horse and pig
(D). Hemochoreal placenta	(IV). Sheep and goat

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

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

A1 : 1

A2 : 2

A3 : 3

		A4 : 4		
Objective Question				
74	2874	Effects of estrogens at the time of parturition include (A). Direct effect upon the myometrium, increasing its responsiveness to oxytocin (B). Softening of the cervix by altering the structure of collagen fibers (C). Softening and relaxation of pelvic ligaments (D). Stimulation of the production and release of prostaglandin F_{2α} Choose the correct answer from the options given below: 1. (A) and (B) only. 2. (A), (B) and (C) only. 3. (A), (B) and (D) only. 4. (B), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
75	2875	Which of the following produce maximum sharpness in a radiographic image (A). A large effective focal spot (B). A long focal-film distance, keeping the subject-film distance constant (C). A short subject film distance, keeping the focal film distance constant (D). A short exposure time Choose the correct answer from the options given below: 1. (A), (B) and (C) only. 2. (B), (C) and (D) only. 3. (A), (B) and (D) only. 4. (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
76	2876		4.0	1.00

Which of the following conditions are observed during acute gastric dilation and volvulus in dogs?

- (A). Metabolic alkalosis
- (B). Respiratory acidosis
- (C). Reduced venous return
- (D). Portal hypertension

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

77	2877		4.0	1.00
In cattle, anticholinergic drugs are not routinely used as a premedicant before anesthesia due to following reasons (A). Increase the motility of gastrointestinal motility (B). Make the salivary secretions thick and viscid (C). Increase physiological dead space in respiratory tract (D). Produce sinus bradycardia Choose the correct answer from the options given below: 1. (A), (B) and (C) only. 2. (B), (C) and (D) only. 3. (B) and (C) only. 4. (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4				

Objective Question

78	2878		4.0	1.00

Choose the correct sequence that depicts the following events during intravenous urography, starting from first to last.

- (A). Pyelogram
- (B). Nephrogram
- (C). Cystogram
- (D). Ureterogram

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

79	2879	Susceptibility (LD 50/30) of different species for ionizing radiations, in decreasing order is: (A). Rat (B). Guinea pig (C). Rabbit (D). Hamster 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. (C), (A), (D), (B) A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

80	2880		4.0	1.00
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Arrange the following steps of embryo transfer technology, starting from first to last

(A). Insemination

(B). Superovulation

(C). Transfer of embryo

(D). Flushing and grading

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

Objective Question

81	2881	Which of the followings is the most suitable cause of secondary pulmonary congestion?	4.0	1.00
		1. Inhalation of smoke 2. Anaphylactic reaction 3. Hypostasis in recumbent animal 4. Congestive heart failure		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

82	2882	Which of the followings is not an early indication of reaction due to blood transfusion?	4.0	1.00
		1. Diarrhoea 2. Restlessness 3. Tachycardia 4. Dyspnea		
		A1 : 1		
		A2 : 2		
		A3 : 3		

A4 : 4

Objective Question

83	2883	Which of the following electrocardiographic changes occur during second and third degrees of atrio-ventricular heart block? (A). In second degree atrio-ventricular heart block, ECG shows presence of 'P' wave but complete absence of 'QRS & T' wave in the block beat (B). In second degree atrio-ventricular heart block, ECG shows complete absence of 'P, QRS & T' complex for one beat (C). In third degree atrio-ventricular heart block, ECG shows slow and independent ventricular rate characterized by 'QRS' complex that are dissociated from faster 'P' wave. D). In third degree atrio-ventricular heart block, ECG shows variations in 'P-P' interval with or without 'P-R' interval. Choose the answer from the options given below: 1. (A), (B) and (D) only. 2. (A) and (C) only. 3. (A) and (D) only. 4. (A) and (B) only.	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

84	2884	Given below are two statements: Statement (I):Exocrine pancreatic insufficiency (EPI) is a very common disease in cat. Statement (II): Most cats with EPI are deficient in cobalamin. In light of the above statements,choose the <i>most appropriate</i> 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.	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

85	2885		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) : Vaccination of bulls with *Brucella abortus* S19 is of no value in protecting them against brucellosis.

Reason (R) : Residual vaccine titre is a major disadvantage of adulthood vaccination against brucellosis.

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

86	2886	Given below are two statements: Statement (I): Severe dyspnoea and cyanosis are the common characteristics of right sided congestive heart failure. Statement (II): Right sided congestive heart failure may lead to hydrothorax and hydropericardium. In light of the above statements,choose the <i>most appropriate</i> 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
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Objective Question

87	2887		4.0	1.00
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Which of the following statements are true about hyperkalemia in farm animals?

- (A). Hyperkalemia manifests after severe metabolic alkalosis.
- (B). Hyperkalemia is more life threatening than hypokalemia.
- (C). Marked bradycardia and cardiac arrest may occur due to hyperkalemia.
- (D). Disappearance of 'P' wave, high amplitude of 'T' wave with increased 'QRS' complex are the characteric ECG changes in hyperkalemia.

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

88	2888		4.0	1.00
Given below are two statements: Statement (I): The ruminal and reticulorumen movements are not affected in acute local peritonitis of cattle. Statement (II): The cattle feel pain during urination and defecation in acute local peritonitis. In light of the above statements,choose the <i>most appropriate</i> 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

89	2889		4.0	1.00

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

List I	List II
Class of drug	drug name
(A). Prostaglandin analogue	(I). Calcium carbonate
(B). Promotility agent	(II). Bethanachol
(C). Antacid	(III). Misoprostol
(D). H ₂ antagonist	(IV). Ranitidine

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

90	2890	In which of the following congenital heart disease of cats, a continuous murmur that is loudest at the left heart base and hyperkinetic femoral pulse are heard on auscultation?	4.0	1.00
		1. Patent ductus arteriosus 2. Aortic insufficiency 3. Endocardial fibroelastosis 4. Vascular ring stricture		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

91	2891	Which of the followings is not present in five-point contagious mastitis control programme in a dairy herd ?	4.0	1.00
		1. Dry cow management and therapy 2. Monitoring of udder health status 3. Udder hygiene and proper milking management methods 4. Culling of chronically infected cows		

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

922892

4.01.00

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

List I	List II
(Infectious diseases)	(Diagnostic techniques)
(A). Brucellosis	(I). Standard tube agglutination test
(B). Paratuberculosis	(II). Agar gel immunodiffusion assay
(C). Tuberculosis	(III). CAMP test
(D). Streptococcus agalactiae in milk	(IV). Stormont test

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

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

93	2893		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
(A). Acute gastritis	(I). Hematemesis
(B). Ulceration or erosion	(II). Nonproductive retching, abdominal distension, tachycardia
(C). Gastric dilatation/volvulus	(III). Persistent vomiting of food or bile
(D). Chronic gastritis	(IV). Sudden onset of vomiting

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

94 2894

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 primary cause of anemia in chronic kidney disease (CKD) is inadequate secretion of erythropoietin (EPO) by the kidneys.

Reason (R) : The EPO is a glycoprotein hormone that is produced in the kidneys in response to decreased oxygen delivery.

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 not correct explanation of (A).
2. Both (A) and (R) are true and (R) is 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

95 2895

4.0 1.00

African swine fever causes huge mortality in pigs. The disease is caused by

1. Picornavirus
2. Pestivirus
3. Influenza virus
4. Iridovirus

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

96 2896

4.0

1.00

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

List-I	List-II
(Species)	(Type of placenta)
(A). Horse	(I). Hemochorial
(B). Cow	(II). Synepitheliachorial
(C). Carnivores	(III). Endotheliochorial
(D). Primates	(IV). Epitheliochorial

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

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

97 2897

4.0

1.00

The days of maternal recognition of pregnancy in different animal species are given below:

- (A). 12-13 days for ewe
- (B). 7-10 days for goat
- (C). 16-17 days for cow
- (D). 14-16 days for mare

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. (A), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

98	2898	4.0	1.00
In which species, the Rosettee inhibition titre test is used to determine the presence of an early pregnancy factor? 1. Doe 2. Bitch 3. Ewe 4. Sow A1 : 1 A2 : 2 A3 : 3 A4 : 4			

Objective Question

99	2899	4.0	1.00
Given below are two statements: Statement (I): A regular abdominal contraction appears in the onset of third stage of labour during the traditional process of parturition. Statement (II): In the second stage of labour during the traditional process of parturition, a regular abdominal contraction ceases. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. 1. Both Statement (I) and Statement (II) are false. 2. Both Statement (I) and Statement (II) are true. 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

100 2900

4.0 1.00

In absence of male, the estrus of female camel may last for

1. About 1 week
2. About 2 weeks
3. About 3 weeks
4. About 4 weeks

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

101 2901

4.0 1.00

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

List-I	List-II
(Class)	(Agent)
(A). Glycoside	(I). Atropine
(B). Protein	(II). Picrotoxin
(C). Terpene	(III). Digitoxin
(D). Alkaloid	(IV). Abrin

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

102	2902	First pass effect is relatively high when drugs are administered by 1. Subcutaneous route 2. Oral route 3. Intramuscular route 4. Intravenous route A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

103	2903	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Volume of distribution of drug is expressed in Litre Reason (R) : Volume of distribution is directly proportional to plasma drug concentration In light of the above statements, choose the <i>correct</i> 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	4.0	1.00
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Objective Question

104	2904	Arrange the below listed sulphonamides in the sequence from short to long duration of action (A). Sulphadimidine (B). Sulphadoxine (C). Sulphadiazine (D). Sulphadimethoxine Choose the correct answer from the options given below: 1. (C), (A), (D), (B). 2. (A), (C), (B), (D). 3. (A), (C), (D), (B). 4. (C), (B), (D), (A).	4.0	1.00
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		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
105	2905	Amikacin is a semi-synthetic derivative of 1. Kanamycin 2. Tobramycin 3. Neomycin 4. Gentamicin A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
106	2906	Pantoprazole acts by inhibiting 1. Na-K ATPase 2. H-K ATPase 3. Na-H pump 4. Na-Cl pump A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
107	2907		4.0	1.00

Consider channel activation by agonists

(A). Nm receptors allow influx of sodium ions

(B). Glycine receptors allow influx of chloride ions

(C). GABA_A receptors allow influx of chloride ions

(D). GABA_B receptors allow influx of chloride ions

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. (A), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

108 2908

4.0

1.00

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

List-I	List-II
(Agent)	(Target)
(A). Ranitidine	(I). Dopamine (D2) receptor
(B). Ondansetron	(II). Muscarinic (M1) receptor
(C). Metoclopramide	(III). Histamine (H2) receptor
(D). Pienzepine	(IV). 5-HT3 receptor

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

109 2909

4.0

1.00

Considering the classification of purgatives

- (A). Lactulose is used as osmotic purgative
 (B). Bisacodyl is used as irritant purgative
 (C). Poloxamer is used as osmotic purgative
 (D). Ispaghula is used as bulk purgative

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

110 2910

4.0 1.00

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

List-I	List-II
(Class)	(Agent)
(A). Reflex acting secretory expectorant	(I). Guaiphenesin
(B). Direct acting secretory expectorant	(II). Bromhexine
(C). Diluent expectorant	(III). Ipecacuanha
(D). Mucolytic expectorant	(IV). Steam/water aerosols

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

111 2911

4.0 1.00

Vinegar treatment in urea poisoning
 (A). Reduces production of ammonia
 (B). Reduces ruminal pH
 (C). Promote diuresis
 (D). Increases ruminal pH

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. (A), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

112	2912	Arrange the agents from oldest to newest in relation to the date of the discovery as anti-microbials (A). Sulphonamides (B). Penicillins (C). Quinolones (D). Cephalosporins Choose the correct answer from the options given below: 1. (A), (B), (D), (C). 2. (B), (A), (D), (C). 3. (B), (A), (C), (D). 4. (C), (B), (D), (A). A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

113	2913		4.0	1.00
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Organophosphate poisoning symptoms include

(A). Froathy salivation

(B). Watery salivation

(C). Miosis

(D). Hypothermia

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

114 2914

4.0

1.00

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

Assertion (A) : Argemone oil toxicity causes dropsy

Reason (R) : Cantharidine is the major toxic principle in Argemone oil that causes toxicity

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

115 2915

4.0

1.00

Which of the following do not increase nitrate concentration in plants?

1. 2, 4 D

2. High soil pH

3. Excessive rain

4. Deficiency of Molybdenum in soil

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

116	2916	Wild animals are given bait through 1. Injection 2. Mouth 3. Rectum 4. Ear A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

117	2917	Given below are two statements: Statement (I): Antelopes have antlers whereas deer have horns Statement (II): Unlike horns, antlers are shed and regrown In light of the above statements,choose the <i>most appropriate</i> 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
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Objective Question

118	2918		4.0	1.00
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Arrange the below doses in a sequence that cause low to high percent deaths in a population

(A). LD99

(B). LD25

(C). LD1

(D). LD50

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

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

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

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

119	2919	4.0	1.00
All enlisted animals lay eggs except			
1. Crocodiles			
2. Seals			
3. Frogs			
4. Turtles			
A1 : 1			
A2 : 2			
A3 : 3			
A4 : 4			

Objective Question

120	2920	4.0	1.00
Given below are two statements:			
Statement (I): Venoms of cobra and krait are mainly neurotoxic			
Statement (II): Their toxins cause coagulation defects			
In light of the above statements, choose the <i>most appropriate</i> 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		