

PREVIEW QUESTION BANK

Module Name : VETERINARY SCIENCE-ENG
Exam Date : 29-Jun-2024 Batch : 10:00-12:00

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	130001	<p>In ox vallate papillae are</p> <ol style="list-style-type: none"> 1. 8-17 in number on either side of the caudal part of torus linguae 2. 18-24 in number on either side of cranial part of torus linguae 3. 8-17 in number on either side of the cranial part of torus linguae 4. 18-24 in number on either side of caudal part of torus linguae <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
2	130002	<p>Spiral colon is characterstic of</p> <p>(A). Ox</p> <p>(B). Horse</p> <p>(C). Pig</p> <p>(D). Dog</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A) and (D) only. 2. (A), (B) and (D) only. 3. (A), (B), (C) and (D). 4. (A) and (C) only. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
3	130003		4.0	1.00

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

Assertion (A) : Stratum lucidum is translucent layer present between stratum spinosum and stratum granulosum

Reasoning (R) : Stratum lucidum is translucent due to presence of eleidin protein.

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

4	130004		4.0	1.00
<p>Given below are two statements:</p> <p>Statement (I): Keratinocytes contain melanin pigment in the form of melanosomes.</p> <p>Statement (II): Melanin pigment is produced by keratinocytes with the help of Tyrosinase enzyme.</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. 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. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>				

Objective Question

5	130005		4.0	1.00

Which of the following is true for mast cells?

- (A). These cells are common in loose connective tissue.
- (B). These cells take metachromatic stain.
- (C). These cells are rich in histamine, heparin and proteases.
- (D). These cells contain basophilic cytoplasmic granules.

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

Objective Question

6	130006	<p>Plicae circulares of small intestine are permanent folds in</p> <ul style="list-style-type: none"> 1. Ruminants 2. Horse 3. Dog 4. Fowl <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

7	130007	<p>The narrow space between the pedicels of podocytes is called</p> <ul style="list-style-type: none"> 1. Filtration diaphragm 2. Filtration slit 3. Slit diaphragm 4. Filtration gap <p>A1 : 1</p> <p>A2 : 2</p>	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

8	130008		4.0	1.00
<p>Macula densa is a patch of densely packed epithelial cells present</p> <p>(A). towards renal corpuscle side</p> <p>(B). in distal straight tubule</p> <p>(C). in distal convoluted tubule</p> <p>(D). in afferent tubule</p> <p>Choose the correct answer from the options given below:</p> <p>1. (A), (C) and (D) only.</p> <p>2. (B) and (D) only.</p> <p>3. (A), (B) and (D) only</p> <p>4. (A) and (B) only.</p>				
A1 : 1				
A2 : 2				
A3 : 3				
A4 : 4				

Objective Question

9	130009		4.0	1.00
<p>Which of the following is correct for rete testis?</p> <p>(A). It is present in mediastinum testis.</p> <p>(B). It produces testicular fluid.</p> <p>(C). It consists of irregular anastomosing canals surrounded by loose connective tissue.</p> <p>(D). It consists of irregular anastomosing canals surrounded by dense connective tissue.</p> <p>Choose the correct answer from the options given below:</p> <p>1. (A), (B) and (D) only.</p> <p>2. (A), (B) and (C) only.</p> <p>3. (A) and (C) only.</p> <p>4. (A) and (D) only.</p>				
A1 : 1				
A2 : 2				
A3 : 3				

		A4 : 4		
Objective Question				
10	130010	<p>Glandular epithelium of vesicular gland is</p> <ol style="list-style-type: none"> 1. Pseudostratified columnar type 2. Simple cuboidal type 3. Simple columnar type 4. Stratified columnar type <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
11	130011	<p>Yolk sac involutes 3-4 weeks after conception in</p> <ol style="list-style-type: none"> 1. Mare 2. Dog 3. Cat 4. Pig <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
12	130012	<p>Which type of chorioallantoic placenta is present in mare?</p> <p>(A). Diffuse</p> <p>(B). Villous</p> <p>(C). Epitheliochorial</p> <p>(D). Non - deciduate</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A), (B) and (C) only. 2. (A), (B) and (D) only. 3. (A), (B), (C) and (D). 4. (B), (C) and (D) only. 	4.0	1.00

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

Objective Question

13	130013	<p>Bulbourethral gland is</p> <ol style="list-style-type: none"> 1. Compound tubular type in boar 2. Compound tubular type in bull 3. Absent in cat 4. Compound tubular type in stallion <p>A1 : 1 A2 : 2 A3 : 3 A4 : 4</p>	4.0	1.00
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Objective Question

14	130014	<p>Match List-I with List-II</p> <table border="1"> <thead> <tr> <th>List-I</th> <th>List-II</th> </tr> </thead> <tbody> <tr> <td>Nerve block</td> <td>Used mainly for intervention of this organ</td> </tr> <tr> <td>(A). Pudendal</td> <td>(I). Penis</td> </tr> <tr> <td>(B). Paravertebral lumbar</td> <td>(II). Rumen</td> </tr> <tr> <td>(C). Auriculopalpebral</td> <td>(III). Eye</td> </tr> <tr> <td>(D). Tibial</td> <td>(IV). Leg and pes</td> </tr> </tbody> </table> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A) - (I), (B) - (II), (C) - (III), (D) - (IV) 2. (A) - (I), (B) - (III), (C) - (II), (D) - (IV) 3. (A) - (I), (B) - (II), (C) - (IV), (D) - (III) 4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II) <p>A1 : 1 A2 : 2</p>	List-I	List-II	Nerve block	Used mainly for intervention of this organ	(A). Pudendal	(I). Penis	(B). Paravertebral lumbar	(II). Rumen	(C). Auriculopalpebral	(III). Eye	(D). Tibial	(IV). Leg and pes	4.0	1.00
List-I	List-II															
Nerve block	Used mainly for intervention of this organ															
(A). Pudendal	(I). Penis															
(B). Paravertebral lumbar	(II). Rumen															
(C). Auriculopalpebral	(III). Eye															
(D). Tibial	(IV). Leg and pes															

A3 : 3

A4 : 4

Objective Question

15	130015	<p>The sequence of structures through which light rays pass inside eye before reaching upto retina are</p> <p>(A). Cornea</p> <p>(B). Lens</p> <p>(C). Vitreous body</p> <p>(D). Aqueous humor</p> <p>Choose the correct answer from the options given below:</p> <p>1. (A), (B), (C), (D). 2. (A), (D), (B), (C). 3. (B), (A), (D), (C). 4. (C), (B), (D), (A).</p> <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

16	130016	<p>Match List-I with List-II</p> <table border="1"> <thead> <tr> <th>List-I</th> <th>List-II</th> </tr> </thead> <tbody> <tr> <td>Organ</td> <td>Embryonic part from which it develops</td> </tr> <tr> <td>(A). External ear</td> <td>(I). Endoderm of the 1st pharyngeal pouch</td> </tr> <tr> <td>(B). Middle ear</td> <td>(II). Ectoderm of 1st branchial groove</td> </tr> <tr> <td>(C). Inner ear</td> <td>(III). Neuroectoderm</td> </tr> <tr> <td>(D). Retina</td> <td>(IV). Ectoderm lateral to developing hind brain</td> </tr> </tbody> </table> <p>Choose the correct answer from the options given below:</p> <p>1. (A) - (I), (B) - (II), (C) - (III), (D) - (IV) 2. (A) - (II), (B) - (I), (C) - (III), (D) - (IV) 3. (A) - (II), (B) - (I), (C) - (IV), (D) - (III) 4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)</p>	List-I	List-II	Organ	Embryonic part from which it develops	(A). External ear	(I). Endoderm of the 1 st pharyngeal pouch	(B). Middle ear	(II). Ectoderm of 1 st branchial groove	(C). Inner ear	(III). Neuroectoderm	(D). Retina	(IV). Ectoderm lateral to developing hind brain	4.0	1.00
List-I	List-II															
Organ	Embryonic part from which it develops															
(A). External ear	(I). Endoderm of the 1 st pharyngeal pouch															
(B). Middle ear	(II). Ectoderm of 1 st branchial groove															
(C). Inner ear	(III). Neuroectoderm															
(D). Retina	(IV). Ectoderm lateral to developing hind brain															

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

17 130017

4.0

1.00

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

List-I	List-II
Glands	Uses/ location in animal
(A). Gland of interdigital pouch	(I). Rostral to eye in sheep
(B). Carpal gland	(II). Territorial marker in pig
(C). Circumoral gland	(III). Lips of cat
(D). Glands of infraorbital pouch	(IV). Trail marker in sheep

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

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

18 130018

4.0

1.00

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

Assertion (A) : A wet dog has a typical odour.

Reason (R) : The typical odour of a wet dog is due to secretion from sebaceous glands of the skin.

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

19	130019	<p>Craniocaudally the parts of colon in ox are</p> <p>(A). Proximal loop</p> <p>(B). Spiral colon</p> <p>(C). Distal loop</p> <p>(D). Transverse colon</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A), (B), (C), (D). 2. (A), (C), (B), (D). 3. (B), (A), (D), (C). 4. (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

20	130020	<p>The number of lumbar vertebrae present in dog are</p> <ol style="list-style-type: none"> 1. Five 2. Six 3. Seven 4. Eight 	4.0	1.00
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A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

21 130021

4.0

1.00

The phase of the bacterial growth cycle in which the cells divide at constant rate depending upon the composition of the growth medium and the conditions of incubation is

1. Lag Phase
2. Exponential (log) Phase
3. Stationary Phase
4. Death (decline) Phase

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

22 130022

4.0

1.00

Plasma membrane of prokaryotes may form stacks or vesicles attached to the inner membrane surface are known as

1. Mesosomes
2. Ribosomes
3. Polysomes
4. Liposomes

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

23 130023

4.0

1.00

The main causative agents of the disease mucormycosis belong to the order

1. Pythiales
2. Microascales
3. Onygenales
4. Mucorales

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

24	I30024	<p>The cluster of polypeptides forming morphological units on the surface of icosahedral viral particles are</p> <ol style="list-style-type: none"> 1. Capsid 2. Nucleocapsid 3. Capsomeres 4. Envelope <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

25	I30025	<p>Invariably the symmetry of the isometric viruses is</p> <ol style="list-style-type: none"> 1. Complex 2. Icosahedron 3. Helical 4. Rotational <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

26	I30026	<p>The two major type I interferons produced within a few hours of viral invasion are</p> <ol style="list-style-type: none"> 1. IFN-Alpha(α) & Beta(β) 2. IFN-Lambda(λ) & Gamma(γ) 3. IFN-Delta(δ) & Kappa(κ) 4. IFN- Beta(β) & Gamma(γ) 	4.0	1.00
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		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

27	130027		4.0	1.00
		<p>The five serogroups of <i>Pasteurella multocida</i> identified on the basis of chemical composition of capsular polysaccharides are</p> <ol style="list-style-type: none"> 1. A, B, C, D, E 2. A, B, D, E, F 3. A, B, C, E, F 4. A, C, D, E, F 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

28	130028		4.0	1.00
		<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A): In <i>Brucella</i> antibody testing, <i>Yersinia</i> infected animals may be wrongly detected as <i>Brucella</i> carriers and so may be killed.</p> <p>Reason (R): Cross reactivity exists between <i>B. abortus</i> and some strains of <i>Y. enterocolitica</i>, which is relatively unimportant organism.</p> <p>In light of the above statements, choose the <i>correct</i> answer from the options given below.</p> <ol style="list-style-type: none"> 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

29	130029		4.0	1.00
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The relative merits of live vaccines over inactivated vaccines are

- (A). Fewer doses required
- (B). Less chances of hypersensitivity
- (C). Donot replicate in recipient
- (D). Relatively cheap

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

30 130030

4.0 1.00

For activation of the complement system the innate pathways involved are

- (A).The Amplification pathway
- (B).The Classical pathway
- (C).The Lectin pathway
- (D).The Alternative pathway

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

31 130031

4.0 1.00

Adaptive immunity is always turned on by antigens and the cells engaged are

- (A). T cells
- (B). NK cells
- (C). Dendritic cells
- (D). B cells

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

32	130032	<p>Most instances of immune dysfunction fall into which of the following broad categories ?</p> <ul style="list-style-type: none"> (A). Hypersensitivity (allergy) (B). Immune imbalance (C). Immune deficiency (D). Autoimmune disease <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A), (B) and (D) only. 2. (A), (B) and (C) only. 3. (A), (B), (C) and (D). 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

33	130033		4.0	1.00
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Match the cellular event from **List-I** with the most likely mediators of inflammation from **List-II**

List-I	List-II
(A). Vasodilation	(I). C5a
(B). Increased vascular permeability	(II). Nitric oxide
(C). Chemotaxis and leukocyte activation	(III). Histamine
(D). Fever	(IV). IL-1 & IL-6

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

34 130034

4.0 1.00

Match the causes of acute inflammation from **List-I** with **List-II**

List-I	List-II
(A). Infectious agents	(I). Alkalies
(B). Chemical agents	(II). Deficiencies in specific vitamins
(C). Nutritional imbalances	(III). Hypersensitivity reactions
(D). Immunological reactions	(IV). Fungi

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

35 130035

4.0 1.00

The sequence of changes occurring in coagulative necrosis is

- (A). Membrane damage
- (B). Cell swelling
- (C). Chromatin clumping
- (D). Organellar swelling

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

36 130036

4.0 1.00

Match the virus family from **List-I** with their site of budding from **List-II**

List-I	List-II
Family of virus	Budding Site
(A). <i>Poxviridae</i>	(I). Golgi membrane
(B). <i>Herpesviridae</i>	(II). Nuclear membrane
(C). <i>Rhabdoviridae</i>	(III). Plasma membrane
(D). <i>Coronaviridae</i>	(IV). Endoplasmic reticulum

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

37	I30037	Deposition of carbon or coal dust in the lungs is known as 1. Siderosis 2. Silicosis 3. Anthracosis 4. Plumbism A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

38	I30038		4.0	1.00
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The sequence of events that occurs during the process of fever is

- (A). Infections or toxins in the blood
- (B). Skin vasoconstriction followed by fever
- (C). Release of IL-1, IL-6, TNF, IFNs
- (D). Release of Prostaglandin E

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

39 130039

4.0 1.00

Given below are two statements:

Statement (I): The envelope spikes of all paramyxoviruses are composed of the fusion protein (F) and HN glycoproteins

Statement (II): F is responsible for the fusion of the viral envelope with the plasma membrane of the host cell

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

40 130040

4.0 1.00

Given below are two statements:

Statement (I): Most IgE is bound to tissue mast cells and occurs in extremely low concentrations in serum.

Statement (II): IgE cannot act simply by binding and coating antigens, as the other immunoglobulins do.

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

41	130041	Epithelial pearl is a feature of 1. Chondroma 2. Osteosarcoma 3. Chondrosarcoma 4. Squamous cell carcinoma A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

42	130042	Which of the following statements are true regarding brucellosis? (A). Necrotic placentitis is frequently encountered (B). Hygroma and joint inflammation occurs in chronic cases (C). Humans can get infected through intact mucous membrane (D). Abortions generally occurs in the first half of the gestation 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.	4.0	1.00
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		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

43	130043	<p>Button ulcers in colon of pigs are seen in</p> <p>(A). Classical swine fever</p> <p>(B). Toxoplasmosis</p> <p>(C). Intestinal salmonellosis</p> <p>(D). Glasser's disease</p> <p>Choose the correct answer from the options given below:</p> <p>1. (A), (B) and (C) only.</p> <p>2. (A) and (C) only.</p> <p>3. (B), (C) and (D) only.</p> <p>4. (A) and (D) only.</p>	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

44	130044		4.0	1.00
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Match List-I with List-II

List-I	List-II
(A). Posthitis	(I). Inflammation of spermatic cord
(B). Cheilitis	(II). Inflammation of cecum
(C). Funiculitis	(III). Inflammation of prepuce
(D). Typhlitis	(IV). Inflammation of the lips

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

45	130045	4.0	1.00
Which one of the following is a typical example of an euryxenous parasite?			
<ol style="list-style-type: none"> <i>Trypanosoma evansi</i> <i>Theileria annulata</i> <i>Eimeria tenella</i> <i>Babesia bigemina</i> 			
A1 : 1			
A2 : 2			
A3 : 3			
A4 : 4			

Objective Question

46	130046	4.0	1.00
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The sequential arrangement of parts in the leg of an insect is

- (A). Claw
- (B). Coxa
- (C). Femur
- (D). Tarsus
- (E). Tibia
- (F). Trochanter

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

47	130047	<p>The ciliated embryophore of <i>Diphyllobothrium latum</i> is called as</p> <ol style="list-style-type: none"> 1. Miracidium 2. Procercooid 3. Hexacanth embryo 4. Coracidium <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

48	130048	<p>The polyether ionophorous antioibiotic with potent anticoccidial action is</p> <ol style="list-style-type: none"> 1. Arprinocid 2. Halofuginone 3. Monensin sodium 4. Robenidine 	4.0	1.00
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		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

49	130049	<p>Which of the following situation indicate a state of premunity in bovine tropical theileriosis?</p> <ol style="list-style-type: none"> 1. Low erythrocytic infection with absence of KBB 2. High erythrocytic infection with absence of KBB 3. High erythrocytic infection with high number of KBB 4. Low erythrocytic infection with high number of KBB <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	130050	<p>Slime balls of <i>Dicrocoelium dendriticum</i> are aggregations of</p> <ol style="list-style-type: none"> 1. Sporocyst 2. Redia 3. Cercaria 4. Metacercaria <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

51	130051	<p>Parasite which causes both VLM and CLM is</p> <ol style="list-style-type: none"> 1. <i>Toxocara canis</i> 2. <i>Ancylostoma caninum</i> 3. <i>Bunostomum trigonocephalum</i> 4. <i>Gnathostoma spinigerum</i> <p>A1 : 1</p>	4.0	1.00
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A2 : 2

A3 : 3

A4 : 4

Objective Question

52	130052	<p>Which of the following immunological tests are not used for diagnosis of schistosomosis in living animals?</p> <p>(A). Casoni's test</p> <p>(B). TORCH test</p> <p>(C). Cercarial hullen reaction</p> <p>(D). Frenkel's test</p> <p>Choose the correct answer from the options given below:</p> <p>1. (A), (B) and (D) only.</p> <p>2. (A), (C) and (D) only.</p> <p>3. (A), (B), (C) and (D).</p> <p>4. (B), (C) and (D) only.</p> <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

53	130053	<p>Haemorrhagic nodules in peritoneum of right abdominal flank of equine are produced by the larvae of</p> <p>1. <i>Strongylus equinus</i></p> <p>2. <i>Strongylus edentatus</i></p> <p>3. <i>Strongylus vulgaris</i></p> <p>4. <i>Cyathostomum tetracanthum</i></p> <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

54	130054		4.0	1.00
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Biting midges are characterized by

- (A). Mottled appearance in wings
- (B). Thorax is humped over the head
- (C). Piercing mouth parts
- (D). Antenna is 3 segmented

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

Objective Question

55 130055

4.0 1.00

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

List-I	List-II
Parasite	Drug
(A). <i>Schistosoma</i> sp.	(I). Butynurate
(B). <i>Fasciola gigantica</i>	(II). Praziquantel
(C). Poultry cestodes	(III). Ivermectin
(D). <i>Dictyocaulus filaria</i>	(IV). Triclabendazole

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

56	130056	<p>Sequentially arrange the following life cycle stages of ixodid ticks</p> <p>(A). Larva</p> <p>(B). Adult</p> <p>(C). Nymph</p> <p>(D). Egg</p> <p>Choose the correct answer from the options given below:</p> <p>1. (A), (B), (C), (D).</p> <p>2. (B), (C), (D), (A).</p> <p>3. (D), (A), (C), (B).</p> <p>4. (D), (C), (A), (B).</p> <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

57	130057	<p>Match List-I with List-II</p> <table border="1"> <thead> <tr> <th>List-I</th> <th>List-II</th> </tr> </thead> <tbody> <tr> <td>(A). Palisade worm</td> <td>(I). <i>Ostertagia ostertagi</i></td> </tr> <tr> <td>(B). Twisted worm</td> <td>(II). <i>Syngamus trachea</i></td> </tr> <tr> <td>(C). Brown stomach worm</td> <td>(III). <i>Haemonchus contortus</i></td> </tr> <tr> <td>(D). Gape worm</td> <td>(IV). <i>Strongylus equinus</i></td> </tr> </tbody> </table> <p>Choose the correct answer from the options given below:</p> <p>1. (A) - (IV), (B) - (III), (C) - (I), (D) - (II)</p> <p>2. (A) - (I), (B) - (IV), (C) - (III), (D) - (II)</p> <p>3. (A) - (III), (B) - (II), (C) - (IV), (D) - (I)</p> <p>4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)</p> <p>A1 : 1</p> <p>A2 : 2</p>	List-I	List-II	(A). Palisade worm	(I). <i>Ostertagia ostertagi</i>	(B). Twisted worm	(II). <i>Syngamus trachea</i>	(C). Brown stomach worm	(III). <i>Haemonchus contortus</i>	(D). Gape worm	(IV). <i>Strongylus equinus</i>	4.0	1.00
List-I	List-II													
(A). Palisade worm	(I). <i>Ostertagia ostertagi</i>													
(B). Twisted worm	(II). <i>Syngamus trachea</i>													
(C). Brown stomach worm	(III). <i>Haemonchus contortus</i>													
(D). Gape worm	(IV). <i>Strongylus equinus</i>													

A3 : 3

A4 : 4

Objective Question

58	130058	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : <i>Eimeria tenella</i> is the most pathogenic coccidia of chickens and causes heavy mortality in broilers managed under deep liter system.</p> <p>Reason (R) : Mortality in caecal coccidiosis usually occurs due to the presence of large number of gametogonic stages in the caecal epithelium of infected birds.</p> <p>In light of the above statements, choose the <i>correct</i> 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
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Objective Question

59	130059	<p>Given below are two statements:</p> <p>Statement (I): Heavy infection of <i>Argas persicus</i> results in anaemia and the egg-laying drops or completely stops in fowl.</p> <p>Statement (II): Control of <i>Argas persicus</i> is difficult as it attacks the birds at night and larvae and nymphs drop-off after feeding for about 2 hours.</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 correct. Both Statement (I) and Statement (II) are incorrect. Statement (I) is correct but Statement (II) is incorrect. Statement (I) is incorrect but Statement (II) is correct. <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

60	130060	<p>Given below are two statements:</p> <p>Statement (I): The animals infected with <i>Theileria annulata</i> are cross-protected against <i>Theileria parva</i> infection.</p> <p>Statement (II): Protective immunity in <i>Theileria parva</i> is conferred by cytotoxic T lymphocytes which cause lysis of parasites by osmotic alteration in target cells leading to swelling and disruption of the cells..</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 correct. Both Statement (I) and Statement (II) are incorrect. Statement (I) is correct but Statement (II) is incorrect. Statement (I) is incorrect but Statement (II) is correct. <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

61	130061	<p>Which of the following effects is not associated with the administration of anticholinergic agents?</p> <ol style="list-style-type: none"> Transient tachycardia following intravenous administration in dogs First or second-degree AV block progressing to sinus tachycardia in dogs Colic due to ileus in horses Central nervous system depression in dogs <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

62	130062	<p>Absence of pathogenic microbes or infection in living tissue is termed as</p> <ol style="list-style-type: none"> Antisepsis Asepsis Disinfection Sterilization <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p>	4.0	1.00
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A4 : 4

Objective Question

63	130063	<p>Which of the following synthetic material is not used for vascular and cardiac surgeries?</p> <ol style="list-style-type: none"> 1. Polypropylene 2. Polytetrafluoroethylene 3. Dacron 4. Polyoxymethylene <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

64	130064	<p>For the same amount of absorbed dose in Gray, which of the following will produce maximum ionization and biological hazard?</p> <ol style="list-style-type: none"> 1. X-rays 2. Gamma Rays 3. Beta particles 4. Alpha particles <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

65	130065	<p>Which of the following effects are least observed with systemic administration of glycopyrrolate?</p> <ol style="list-style-type: none"> 1. Antisialagogue 2. Tachycardia 3. Ocular effects 4. Muscle relaxation <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p>	4.0	1.00
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A4 : 4

Objective Question

66	130066	<p>Which of the following is not a component of intra-abdominal tunics surrounding the testicles, in animals?</p> <ol style="list-style-type: none"> 1. Internal spermatic fascia 2. External spermatic fascia 3. Visceral lamina of vaginal tunic 4. Parietal lamina of vaginal tunic <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	130067	<p>Which of the following is the most common cause of dystocia in cattle?</p> <ol style="list-style-type: none"> 1. Faulty fetal disposition 2. Incomplete cervical and vaginal dilation 3. Feto-maternal disproportion 4. Uterine inertia <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

68	130068	<p>Which of the following species has cotyledonary placenta?</p> <ol style="list-style-type: none"> 1. Horse 2. Cattle 3. Dog 4. Cat <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

69	130069	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : Transducer should be placed perfectly parallel to the blood flow to get an insonation angle of 0 to 180 degrees, at the time of Doppler ultrasonography</p> <p>Reason (R) : At an insonation angle of 0 to 180 degrees, the transducer receives maximum Doppler's shift from the blood flow.</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 (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. <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

70	130070	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : In ultrasonography, the axial resolution and the maximum available depth of examination is higher for higher frequency transducers.</p> <p>Reason (R) : The high frequency transducers produce shorter pulses with longer pulse interval, and are attenuated early in the tissues due to higher number of interactions</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 (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. <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

71	130071		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) : Anticholinergic drugs are not commonly used as antisialogogue in ruminants.

Reason (R) : Administration of anticholinergic agents make the salivary secretions of ruminants thick and viscid, and thus predisposes them to airway obstruction.

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

72 130072

4.0 1.00

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

List-I	List-II
(A).Hydroquinone	(I). Restrainer
(B).Sodium carbonate	(II).Preservative
(C).Potassium bromide	(III).Reducing agent
(D).Sodium sulfite	(IV).Accelerator

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

73	130073	<p>Match List-I with List-II</p> <table border="1"> <thead> <tr> <th>List-I</th> <th>List-II</th> </tr> </thead> <tbody> <tr> <td>(A).Morphine</td> <td>(I). Opioid antagonist</td> </tr> <tr> <td>(B).Buprenorphine</td> <td>(II).Opioid agonist-antagonist</td> </tr> <tr> <td>(C). Butorphanol</td> <td>(III). Partial opioid agonist</td> </tr> <tr> <td>(D). Naloxone</td> <td>(IV).Opioid agonist</td> </tr> </tbody> </table> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> (A) - (I), (B) - (III), (C) - (II), (D) - (IV) (A) - (I), (B) - (II), (C) - (III), (D) - (IV) (A) - (IV), (B) - (III), (C) - (II), (D) - (I) (A) - (III), (B) - (IV), (C) - (I), (D) - (II) <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	List-I	List-II	(A).Morphine	(I). Opioid antagonist	(B).Buprenorphine	(II).Opioid agonist-antagonist	(C). Butorphanol	(III). Partial opioid agonist	(D). Naloxone	(IV).Opioid agonist	4.0	1.00
List-I	List-II													
(A).Morphine	(I). Opioid antagonist													
(B).Buprenorphine	(II).Opioid agonist-antagonist													
(C). Butorphanol	(III). Partial opioid agonist													
(D). Naloxone	(IV).Opioid agonist													

Objective Question

74	130074	<p>Match List-I with List-II</p> <table border="1"> <thead> <tr> <th>List-I</th> <th>List-II</th> </tr> </thead> <tbody> <tr> <td>(A).FSH</td> <td>(I). Placenta</td> </tr> <tr> <td>(B).PGF_{2α}</td> <td>(II).Hypothalamus</td> </tr> <tr> <td>(C). GnRH</td> <td>(III).Uterus</td> </tr> <tr> <td>(D).eCG</td> <td>(IV).Pituitary</td> </tr> </tbody> </table> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> (A) - (IV), (B) - (II), (C) - (I), (D) - (III) (A) - (I), (B) - (III), (C) - (II), (D) - (IV) (A) - (IV), (B) - (III), (C) - (II), (D) - (I) (A) - (III), (B) - (IV), (C) - (I), (D) - (II) 	List-I	List-II	(A).FSH	(I). Placenta	(B).PGF _{2α}	(II).Hypothalamus	(C). GnRH	(III).Uterus	(D).eCG	(IV).Pituitary	4.0	1.00
List-I	List-II													
(A).FSH	(I). Placenta													
(B).PGF _{2α}	(II).Hypothalamus													
(C). GnRH	(III).Uterus													
(D).eCG	(IV).Pituitary													

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

75 130075

4.0 1.00

The factors that are associated with high complication rates in esophageal surgery are

- (A). Segmental blood supply
- (B). Lack of serosa
- (C). Presence of thick omentum
- (D). Continuous gulping movements due to saliva

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

76 130076

4.0 1.00

Properties of the tungsten that make it a good material for making the anode in an X-ray tube are

- (A). High vapor pressure at high temperature
- (B). High atomic number
- (C). High melting point
- (D). Good thermal conductivity

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

Objective Question

77	130077	<p>Which of the following drugs are non-depolarizing neuromuscular blocking agents?</p> <p>(A).Atracurium</p> <p>(B).Succinylcholine</p> <p>(C).Pancuronium</p> <p>(D).Vecuronium</p> <p>Choose the correct answer from the options given below:</p> <p>1. (A), (C) and (D) only.</p> <p>2. (A), (B) and (C) only.</p> <p>3. (A), (B), and (D) only.</p> <p>4. (B), (C) and (D) only.</p>	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

78	130078	<p>Which of the following is used for the hormonal testing of sub-fertile and infertile stallions?</p> <p>(A).Serum FSH, LH, Estradiol, Testosterone and Inhibin levels</p> <p>(B).Single-phase GnRH challenge</p> <p>(C).hCG stimulation test</p> <p>(D).Progestagen treatment test</p> <p>Choose the correct answer from the options given below:</p> <p>1. (A), (B) and (C) only.</p> <p>2. (B) (C), and (D) only.</p> <p>3. (A), (C) and (D) only.</p> <p>4. (A), (B), and (D) only.</p>	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		

		A4 : 4		
Objective Question				
79	130079	<p>Branches of the abdominal aorta, from cranial to caudal are -</p> <p>(A).Cranial mesenteric artery</p> <p>(B).External iliac artery</p> <p>(C).Renal artery</p> <p>(D).Celiac artery</p> <p>Choose the correct answer from the options given below:</p> <p>1. (D), (A), (C), (B).</p> <p>2. (C), (B), (D), (A).</p> <p>3. (B), (D), (C), (A).</p> <p>4. (A), (B), (D), (C).</p> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
80	130080	<p>Parts of the great colon in horses,starting from cranial to caudal are</p> <p>(A).Left ventral colon</p> <p>(B).Right ventral colon</p> <p>(C).Left dorsal colon</p> <p>(D).Right dorsal colon</p> <p>Choose the correct answer from the options given below:</p> <p>1. (A), (B), (D), (C).</p> <p>2. (C), (B), (D), (A).</p> <p>3. (C), (D), (A), (B).</p> <p>4. (B), (A), (C), (D).</p> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
81	130081		4.0	1.00

Praying position in dogs is observed in which of the following clinical condition?

1. Cystitis
2. Meningitis
3. Pharyngitis
4. Pancreatitis

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

82	130082	Shock in case of burn is an example of	4.0	1.00
		<ol style="list-style-type: none"> 1. Vasogenic Shock 2. Septic Shock 3. Cardiogenic Shock 4. Hypovolaemic shock 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

83	130083	Which one of the following method under alteration of description (fraud) is practised among animals by which animal may appear younger ?	4.0	1.00
		<ol style="list-style-type: none"> 1. Bestiality 2. Bishoping 3. Perjury 4. Phooka 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

84	130084	<p>Feline panleukopenia is also known as</p> <ol style="list-style-type: none"> 1. Feline peritonitis 2. Feline Parvoviral Enteritis 3. Feline rhinotracheitis 4. Feline Pneumonia <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

85	130085	<p>Most common form of Aspergillosis in horses is</p> <ol style="list-style-type: none"> 1. Mycotic Abortion 2. Guttural Pouch Mycosis 3. Renal Failure 4. Pulmonary Infection <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

86	130086	<p>Dogs with which of the following mutation are predisposed to increased sensitivity to ivermectin and moxidectin ?</p> <ol style="list-style-type: none"> 1. PKFD 2. ABCB1 3. PIK3CA 4. HUU <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

87	130087		4.0	1.00
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Swollen, friable, dark red or black colored liver (bronze colored) is observed as a constant feature of which of the following disease of broilers?

1. Fowl Typhoid
2. Pullorum Disease
3. Avian Leucosis Complex
4. Infectious Bursal Disease

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

88	130088	<p>Normal serum calcium level in cattle is</p> <ol style="list-style-type: none"> 1. 5.9-7.1 mg/dl 2. 8.5-10 mg/dl 3. 5.9-7.1 g/dl 4. 8.5-10 g/dl <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	130089		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
Condition	Drug used
(A). Cyanide Poisoning	(I). Calcium Disodium Edetate
(B). Lead poisoning	(II). Sodium Thiosulphate
(C). Trypanosomosis	(III). Isometamedium Chloride
(D). <i>Hepatozoon canis</i> infection	(IV). Imidocarb Dipropionate

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

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

90 | 130090

4.0 | 1.00

Match List-I with List-II

List-I	List-II
Test	Condition
(A). Rivalta's Test	(I). <i>Streptococcus agalactiae</i>
(B). Pole Test	(II). TRP/ Foreign Body Syndrome
(C). Casoni Test	(III). Hydatid Cyst Diseases
(D). Hoti's Test	(IV). Feline Infectious Peritonitis

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

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

91 130091

4.0 1.00

Match List-I with List-II

List-I	List-II
(A). Breech Presentation	(I). Birth of dead fetus
(B). Monster	(II). Brucellosis
(C). Still Birth	(III). Bilateral hip flexion
(D). Bang's Disease	(IV). <i>Amorphous Globosus</i>

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

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

92 130092

4.0 1.00

Which of the following drugs can be used to terminate pregnancy in she dogs?

(A). Aglepristone

(B). PGF_{2α}

(C). Dexamethasone

(D). Cabergoline & Cloprostenol

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

93 130093

4.0 1.00

In stallion, testosterone is produced by

(A). Leydig cells

(B). Seminiferous tubules

(C). Epididymis

(D). Prostate Gland

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		

Objective Question

94	130094	Relationship between longitudinal axis of dam with the longitudinal axis of foetus and parts present towards birth canal signifies	4.0	1.00
		<ol style="list-style-type: none"> 1. Presentation 2. Posture 3. Position 4. Vertex Posture 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

95	130095	Seminal vesicle is absent in	4.0	1.00
		<ol style="list-style-type: none"> 1. Boar 2. Dog 3. Stallion 4. Bull 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

96	130096		4.0	1.00
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On echocardiography, dilated cardiomyopathy in dogs is characterized best by which of the following findings ?

- (A). Decreased ejection fraction
- (B). Decreased fraction shortening
- (C). Increased mitral valve E-point to septal separation (EPSS)
- (D). Decreased LA/AO ratio

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

97	130097	<p>Given below are two statements:</p> <p>Statement (I) : Babesiosis is caused by extraerythrocytic parasite in bovines and is transmitted transovarially by <i>Rhipicephalus (Boophilus) microplus</i> ticks.</p> <p>Statement (II) : <i>Babesia bovis</i> is the small form in cattle, while <i>Babesia canis</i> is the large form in dogs</p> <p>In light of the above statements, choose the <i>most appropriate answer</i> from the options given below.</p> <ol style="list-style-type: none"> 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. <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

98	130098		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) :Potassium may be supplemented by IV route at a rate over 0.5mEq/kg/hour in animals.

Reason (R) : Adverse cardiac effects can occur above 0.5mEq/kg/hour rate.

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

99	130099		4.0	1.00
<p>Given below are two statements:</p> <p>Statement (I): Myxedema on the forehead and face, resulting in a puffy appearance and thickened skin folds above the eyes is most common in hypothyroidism.</p> <p>Statement (II): Above-described signs are also important clinical signs in case diabetes mellites</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. 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 <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>				

Objective Question

100	130100		4.0	1.00

Given below are two statements:

Statement (I): Warts in cattle is caused by papilloma virus.

Statement (II): Ring worm in cattle is caused by *Trichophyton spp.*

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

Objective Question

101	130101	<p>The positive inotropic effect of digitalis is due to inhibition of Na⁺/K⁺ ATPase pump in cardiac muscle cell membrane leading to</p> <ol style="list-style-type: none"> 1. Decreased activity of Na⁺/Ca⁺⁺ exchanger causing decreased influx of Na⁺ and decreased efflux of Ca⁺⁺ in the sarcolemma 2. Decreased efflux of Na⁺ leading to less negative resting membrane potential and opening of voltage gated Ca⁺⁺ channels on the T tubules 3. Increased intracellular Na⁺ causing increased efflux of Na⁺ and increased influx of Ca⁺⁺ through Na⁺/Ca⁺⁺ exchanger in the sarcolemma 4. Increased intracellular Na⁺ decreasing the activity of Ca⁺⁺ pump in the sarcoplasmic reticulum <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

102	130102	<p>Which one of the following diuretics does not require its presence in the renal tubular lumen for its pharmacological effects?</p> <ol style="list-style-type: none"> 1. Thiazide diuretics 2. Loop diuretics 3. Carbonic anhydrase inhibitors 4. Aldosterone antagonists <p>A1 : 1</p>	4.0	1.00
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		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

103	130103	<p>All of the following antidiabetic drugs act by enhancing insulin secretion except</p> <ol style="list-style-type: none"> 1. Exenatide 2. Sitagliptin 3. Rosiglitazone 4. Repaglinide <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

104	130104	<p>Which of the following antiepileptic drugs acts by affecting the levels of GABA?</p> <ol style="list-style-type: none"> 1. Tiagabine 2. Ethosuximide 3. Phenytoin sodium 4. Carbamazepine <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

105	130105		4.0	1.00
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Which of the following statements are not true about Type B adverse drug reactions?

- (A). Qualitatively abnormal responses to the drug
- (B). Predictable from the drug's known pharmacological or toxicological effects
- (C). Generally dose-dependent
- (D). Usually common

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

106 130106

4.0 1.00

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

List-I	List-II
Drug	Source
(A). Thebaine	(I). <i>Strophanthus gratus</i>
(B). d-tubocurarine	(II). Semi-synthetic opioid
(C). Ouabain	(III). <i>Papaver somniferum</i>
(D). Etorphine	(IV). <i>Chondrodendron tomentosum</i>

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

107 130107

4.0

1.00

Match List-I with List-II

List-I	List-II
Agrochemical	Toxic effect
(A). Triorthocresyl phosphate (TOCP)	(I). Pulmonary fibrosis
(B). Paraquat	(II). Severe hyperthermia
(C). Deltamethrin	(III). Delayed neurotoxicity
(D). Dinitrophenol	(IV). CS syndrome

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

108 130108

4.0

1.00

A 70 kg calf was given a drug X at a dose of 100 mg/kg body weight. The half-life of the drug X is 10 hours and its initial plasma concentration is 1.9 mg/ml. True statement about drug X is/are

- Clearance is around 0.02 litre/hour
- Volume of distribution is around 0.36 L
- Elimination rate constant is 0.00693
- Clearance is around 0.2 litre/hour

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

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

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

Objective Question

109	130109	<p>Which of the following statements are not correct about first order kinetics?</p> <p>(A). Clearance remains constant</p> <p>(B). Fixed amount of the drug is eliminated</p> <p>(C). Half-life increases with dose</p> <p>(D). Decrease in clearance with increasing dose</p> <p>Choose the correct answer from the options given below:</p> <p>1. (A), (B) and (D) only.</p> <p>2. (C) and (D) only.</p> <p>3. (B), (C) and (D) only.</p> <p>4. (A) and (D) only.</p>	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

110	130110	<p>Which of the following statement regarding Cytochrome P450 enzymes is incorrect ?</p> <p>1. They are involved in the production of steroids</p> <p>2. They absorb maximum light at 450 nm wavelength</p> <p>3. They are present in the endoplasmic reticulum of the liver cells</p> <p>4. They are non-heme proteins</p>	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

111	130111		4.0	1.00
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Secondary photosensitization occurs after the ingestion of

1. *Parthenium hysterophorus*
2. *Fagopyrum esculentum*
3. *Hypericum perforatum*
4. *Lantana camara*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

112	I30112	<p>Anaerobic bacteria are intrinsically resistant to</p> <ol style="list-style-type: none"> 1. Beta lactams 2. Aminoglycosides 3. Chloramphenicol 4. Metronidazole <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

113	I30113	<p>Arrange the adverse effects of Chloramphenicol, Tetracyclines, Aminoglycosides and Sulfadiazine in correct order</p> <ol style="list-style-type: none"> A. Keratoconjunctivitis sicca B. Teeth discoloration C. Ashen-gray skin discoloration D. Deafness <ol style="list-style-type: none"> 1. C, D, A, B 2. C, B, D, A 3. B, C, A, D 4. B, D, C, A <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p>	4.0	1.00
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		A4 : 4		
Objective Question				
114	130114	<p>Given below are two statements:</p> <p>Statement (I): The time of drug concentration above minimum inhibitory concentration ($T > MIC$) is important for clinical success in case of treatment with beta lactam antibiotics.</p> <p>Statement (II): Carbapenems are sensitive to extended spectrum beta lactamases (ESBL).</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
Objective Question				
115	130115	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : Tetracyclines inhibit protein synthesis and exhibit broad spectrum bactericidal effect.</p> <p>Reason (R) : Tetracyclines bind to 30 S subunit and inhibit the binding of aminoacyl-tRNA to A-site.</p> <p>In light of the above statements, choose the <i>correct</i> 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				
116	130116		4.0	1.00

A zoo keeper was accidentally bitten by a captive snake on the hand. The hand showed local tissue damage and discoloration, oozing of blood from fang wounds, swelling, and local suppuration. The snake could be

1. Banded Krait
2. Black Mamba
3. Russell's Viper
4. King Cobra

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

117	130117	<p>Which of the following animals are colon fermenters?</p> <p>(A). Elephant</p> <p>(B). Zebra</p> <p>(C). Rabbit</p> <p>(D). Horse</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A), (B) and (D) only. 2. (C) and (D) only. 3. (A), (B), (C) and (D). 4. (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

118	130118		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
Characteristic	Wild animal
(A). Artiodactyl	(I). Crocodile
(B). Perissodactyl	(II). Kangaroo
(C). Poikilotherm	(III). Hippopotamus
(D). Metatherian	(IV). Rhinoceros

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

119 130119

4.0 1.00

Arrange the families of Bear, Deer, Wolf and Antelope in correct order

- Bovidae
- Cervidae
- Ursidae
- Canidae

- C, D, A, B
- C, B, D, A
- C, A, B, D
- B, D, C, A

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

120	130120	<p>Given below are two statements:</p> <p>Statement (I): Carfentanil is used for chemical restraining and immobilization of wildlife species.</p> <p>Statement (II): Carfentanil is a potent synthetic opioid whose action can be reversed by Naltrexone.</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. 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. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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