

PREVIEW QUESTION BANK

Module Name : Veterinary Anatomy - 30-ENG
Exam Date : 29-Jun-2024 Batch : 14:30-16:30

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	201	Movement of DNA from one bacterium to another through a tubular bridge or pilus: 1. Conjugation 2. Transposition 3. Transfection 4. Transduction A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
2	202	Which of the following is responsible for eliminating toxic oxygen by-products from cells? 1. Mitochondria 2. Golgi complex 3. Peroxisomes 4. Chloroplasts A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
3	203	A form of multiple parasitism in which a parasite preferentially attacks a host that is already parasitized by another species is known as 1. Cleptoparasitism 2. Ectoparasitoid 3. Obligate parasitism 4. Superparasitism A1 : 1	4.0	1.00

		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
4	204	For mass multiplication of DD-136 nematode, the common host used is 1. Silk moth 2. Fruit sucking moth 3. Codling moth 4. Lesser wax moth A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
5	205	Chlorpyrifos methyl is effective against stored product insects except 1. <i>Rhizopertha dominica</i> 2. <i>Tribolium castaneum</i> 3. <i>Caryedon serratus</i> 4. <i>Oryzaephilus surinamensis</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
6	206	Which of the following insects often cause inhalational allergies in human following large emergence of adult insects 1. Stick insects 2. May flies 3. Ear wigs 4. Preying mantis A1 : 1 A2 : 2	4.0	1.00

A3 : 3

A4 : 4

Objective Question

7	207		4.0	1.00
Given below are two statements: Statement (I): Climate is a weather condition related to smaller areas at a given place and at a given time, Statement (II): Weather is a condition of atmosphere at a given place and at a given time 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 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

8	208		4.0	1.00
The local name of cyclone in Phillippines is 1. Hurricane 2. Cyclone 3. Baquio 4. Typhoon A1 : 1 A2 : 2 A3 : 3 A4 : 4				

Objective Question

9	209		4.0	1.00

Which one of the following are secondary tillage implements?

- (A). Subsoiler
- (B). Cultivator
- (C). Disc harrow
- (D). Wetland plough

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

10 210

_____ is the most suitable, drought resistant and persistent grass?

- 1. *Alylosia sp.*
- 2. *Cenchrus ciliaris*
- 3. *Stylosanthes hamata*
- 4. *Sorghum bicolor*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

11 211

The rainfed area in India is approximately

- 1. 30 mha
- 2. 40 mha
- 3. 57 mha
- 4. 70 mha

A1 : 1

A2 : 2

4.0

1.00

A3 : 3

A4 : 4

Objective Question

12	212	Which nutrient is often a limiting factor in agricultural production? 1. Nitrogen 2. Carbon 3. Oxygen 4. Hydrogen A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

13	213	What is a potential disadvantage of agroforestry systems? 1. Increased soil erosion 2. Decreased carbon sequestration 3. Reduced biodiversity 4. Enhanced susceptibility to pests A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

14	214	Pungency in mustard oil is due to 1. Amino acid 2. Allyl isothiocyanate 3. Erusic acid 4. Oxalic acid A1 : 1 A2 : 2	4.0	1.00
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		A3 : 3		
		A4 : 4		
Objective Question				
15	215	Sesamum belongs to the family 1. Chenopodiaceae 2. Papilionaceae 3. Leguminosae 4. Pedaliaceae A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
16	216	Dark period is critical in which type of plant? 1. Short day plant 2. Long day plant 3. Day neutral plant 4. All the options A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
17	217	Which of the following is NOT a significant contributor to greenhouse gas emissions from livestock farming? 1. Carbon dioxide 2. Methane 3. Nitrous oxide 4. Ammonia A1 : 1 A2 : 2 A3 : 3	4.0	1.00

A4 : 4

Objective Question

18	218	Fe deficiency is mostly seen in crops growing on 1. Calcareous or alkaline soils 2. Salt affected soils 3. Acidic soils 4. Neutral soils A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

19	219	EDV (Essentially Derived Varieties) are those which are derived from: 1. crossing two commercially known varieties 2. hybrid introduced from other countries 3. existing variety through genetic engineering or mutation 4. crossing commercially known variety with its wild relative A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

20	220	What is the role of "companion planting" in agriculture? 1. Enhancing soil fertility through crop rotation 2. Growing different crop species together to deter pests 3. Cultivating plants in hydroponic system 4. Increasing soil compaction through cover cropping A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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		A4 : 4		
Objective Question				
21	1701	Which pathogen is commonly associated with septicemia in piglets and may localize in joints, endocardium, and meninges? 1. Escherichia coli 2. Streptococcus suis type 1 3. Actinobacillus suis 4. Salmonella spp A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
22	1702	Which of the following is a common clinical finding associated with neonatal septicemia in farm animals? 1. Increased appetite 2. Elevated body temperature 3. Strong suck reflex 4. Bright and alert behavior A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
23	1703	Which condition in horses can lead to sudden death from peracute endogenous toxemia? 1. Rupture of the stomach. 2. Gastric impaction. 3. Mycosis of the guttural pouch. 4. Abomasal rupture. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question

24	1704	What is a limitation of ultrasonography? 1. It cannot penetrate soft tissue. 2. It is harmful to nearby personnel. 3. It is less suited than radiography for examining soft tissue. 4. It is unable to penetrate gas-filled or bony structures A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

25	1705	Which of the following is a major clinical finding associated with enteritis? 1. Increased appetite 2. Diarrhea 3. Excessive weight gain 4. Elevated body temperature A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

26	1706	What is the primary cause of frothy bloat in ruminants? 1. Production of excessive propionic acid due to fermentation 2. Formation of a stable foam in the rumen 3. Overfeeding of Hay 4. Chronic ruminal acidosis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

27	1707	What is a common cause of hemolytic jaundice in animals? 1. Biliary calculi 2. Hepatic fibrosis 3. Bacterial toxins 4. Pancreatitis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

28	1708	What is the primary origin of hemorrhage in hemoptysis? 1. Nasal cavity 2. Guttural pouch 3. Larynx 4. Lungs A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

29	1709	Pulmonary emphysema is characterized by 1. Inflammation of lung tissue 2. Overdistension of alveoli with rupture of alveolar walls 3. Fibrosis in the lung parenchyma 4. Constriction of bronchioles A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

30	1710		4.0	1.00
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What is the most common cause of acute kidney failure due to nephrosis?

1. Ischemic insult
2. Tubular injury
3. Nephrotoxins
4. Uremia

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

31 1711

Indicate the FDA-approved drug used for the reversal of xylazine-induced sedation in the horse.

1. Yohimbine
2. Tolazoline
3. Atipamezole
4. Medetomidine

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

32 1712

In peptic ulcers, antacids do have a primary role in:

1. Prompt relief of pain
2. Prevention of ulcer relapse
3. Control of bleeding
4. Ulcer healing

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

33 1713

4.0 1.00

Indicate the toxicant / agent, the toxicity of which increases due to ruminal metabolism?

1. Oxalates
2. Cardioactive glycosides
3. Cyanogenic glycosides
4. Gossypol

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

34 1714

4.0 1.00

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

Assertion (A): In ruminants, photosensitization is a cascading reaction in which a photodynamic molecule gets activated by the absorption of an appropriate wavelength leading to clinical photosensitization

Reason (R): It is usually due to the pouring of phylloerythrin in the dermal blood circulation, secondary to diffuse liver disease.

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

35 1715

4.0 1.00

The primary endogenous substrate for nitric oxide synthase is

1. Acetylcholine
2. Citruline
3. Angiotensinogen
4. Arginine

A1 : 1

A2 : 2

		A3 : 3		
		A4 : 4		
Objective Question				
36	1716	Choline is transported from the extracellular fluid into the neuron terminal by a sodium-dependent membrane choline transporter which can be blocked by 1. Vesamicol 2. Hemicholinium 3. Triethylcholine 4. Reserpine A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
37	1717	Which one of the following options is a Catechol-O-Methyl transferase inhibitor: 1. Selegeline 2. Rasagiline 3. Entacapone 4. Clorgyline A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
38	1718	Which of the following CNS neurotransmitter is excitatory on the individual neurons and causes a decrease in potassium conductance 1. Glycine 2. GABA 3. Dopamine 4. Acetylcholine A1 : 1 A2 : 2	4.0	1.00

A3 : 3

A4 : 4

Objective Question

39	1719	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A): Antrycide pro salt is used for the therapy and prophylaxis of trypanosomiasis. Reason (R): Initial short and rapid protection from trypanosomiasis is offered by Quinapyramine chloride, followed by prophylactic effect by Quinapyramine sulfate latter In light of the above statements, choose the correct answer from the options given below. - Both (A) and (R) are true and (R) is the correct explanation of (A). - Both (A) and (R) are true but (R) is NOT the correct explanation of (A). (A) is true but (R) is false. (A) is false but (R) is true. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

40	1720	Which one of the anticoccidial agents acts on 2nd day of the lifecycle of Eimeria but gives an unpleasant taste to the flesh of the broilers if not withdrawn 5 days before slaughter - Arpinocid - Monensin - Amprolium - Robenidine A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

41	1721	Fire Hose effect at the time of ejaculation is shown by ? - Buffalo bull - Tom - Ram - Dog	4.0	1.00
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A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

42 1722

4.0

1.00

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

SPECIES	TESTICULAR DESCENT
(A).CAT	(I). MID GESTATION (80 DAYS)
(B).DOG	(II). FEW DAYS AFTER BIRTH
(C). SHEEP	(III). 2-5 DAYS AFTER BIRTH
(D). HORSE	(IV).B/W LAST FEW DAYS OF GESTATION & FEW DAYS AFTER BIRTH

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

43 1723

4.0

1.00

Genetic condition of defective foetus responsible for hydroamnios condition is

- Bull dog calf in dexter cattle.
- Brachygnathic calves in Angus cattle
- Muscle contracture monster in sahiwal

- All are correct
- Both A & C are correct
- Both A & B are correct
- Only C is correct

		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
44	1724	Which of the following has highest number of sperm per ejaculate? 1. Bull 2. Stallion 3. Ram 4. Boar A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
45	1725	Maceration occur at which stage of gestation ? 1. First trimester 2. second trimester 3. last trimester 4. At any stage A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
46	1726		4.0	1.00

Which of the following is correctly matched?

- A. Simple uterus : primates
- B. Bicornuate : Sow, Mare, Bitch
- C. Bipartite : Ewe , Doe
- D .Duplex uterus: Rabbit , Rat.

Choose the corect anwer from the options given below

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

47	1727	Pre ovulatory lutenisation occurs in ? 1. Cow 2. Ewe 3. Mare 4. Bitch A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

48	1728	The time period of events of courtship and copulation in horses is ? 1. About 40 sec 2. About 5 min 3. About 2 sec 4. About 10 min A1 : 1 A2 : 2	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

49	1729	Which of the following statement is true in case of freemartin condition ? 1. Male is sterile 2. Female is sterile 3. Both are sterile 4. Both are fertile A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

50	1730	Which of the following is not the primary abnormality of sperm ? 1. Double head 2. Microcephalic head 3. Double middle piece and tail 4. Detached normal head A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

51	1731	Which one of the following is the longest cranial nerve 1. Trigeminal nerve 2. Facial nerve 3. Vagus nerve 4. Hypoglossal nerve A1 : 1 A2 : 2	4.0	1.00
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		A3 : 3		
		A4 : 4		
Objective Question				
52	1732	Number of mammae (Mammary glands) in cats is - Two - Four - Eight - Ten A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
53	1733	Dorsal longitudinal ligament is strong and wide in- - Thoracic area - Cervical area - Lumbar area - Sacral area A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
54	1734	Elbow joint is an example of - Ball and socket joint - Hinge joint - Pivot joint - Condylar joint A1 : 1 A2 : 2 A3 : 3	4.0	1.00

A4 : 4

Objective Question

55 1735

4.0 1.00

Match List-I with List-II

List-I	List-II
(A). Polyglycolic acid	(I). Natural Absorbable
(B).Stainless steel	(II). Natural Non absorbable
(C). Umbilical tape	(III). Synthetic Absorbable
(D). Fascia lata	(IV). Synthetic Non absorbable

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

56 1736

4.0 1.00

The part of the stomach that is most prone to necrosis during GDV in dogs is

1. Pyloric canal
2. Pyloric antrum
3. Greater curvature
4. Lesser curvature

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

57 1737

4.0 1.00

		Number of sternal vertebrae in horse - Five - Six - Seven - Eight A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
58	1738	Number of patellar ligaments in dog is - One - Two - Three - Four A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
59	1739	Most common site for lodgement of urethral calculi in goats is - Distal to sigmoid flexure - Proximal to sigmoid flexure - Urethral process - Pelvic urethra A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
60	1740		4.0	1.00

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

Assertion (A) : Hypothermia is usually fatal in newborns

Reason (R) : In new borns hypothalamus does not regulate the temperature efficiently

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

61	1741	The scythe shaped spleen is present in..... 1. Bird 2. Horse 3. Dog 4. Sheep A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

62	1742	The paneth cell are seen in 1. large intestine 2. Small intestine 3. Stomach 4. Thymus A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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		A4 : 4		
Objective Question				
63	1743	Sweeney is caused by damage to which of the following nerve : 1. Axillary 2. Sub-scapular 3. Musculo cutaneous 4. Supra-scapular A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
64	1744	Which of the structure is not part of cerebellum 1. Brachium pontis 2. Brachium conjunctivum 3. Corpus restiformis 4. Corpus trapezoideum A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
65	1745	The tendon of insertion of rectus abdominis muscle is known as: 1. Poupart's ligament 2. Achille's tendon 3. Prepubic tendon 4. Linea alba A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question

66	1746	Round ligament of liver is the fetal remnant of: 1. Umbilical vein 2. Umbilical artery 3. Ductus arteriosus 4. Omentum A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

67	1747	The macrophages of nervous tissue are known as: 1. Astrocyte 2. Ependymal cells 3. Microglia 4. Oligodendroglia A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

68	1748	Identify the correct sequence in cleavage: A. Morula formation B. Compaction C. Blastulation D. Zona hatching E. Blastocyst elongation Choose the most appropriate answer from the options given below 1. A, B, C, D, E 2. A, B, E, C, D. 3. B, A, E, C, D. 4. D, B, E, C, A..	4.0	1.00
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		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
69	1749	The peritoneum is lined by 1. Simple squamous epithelium 2. Simple Cuboidal epithelium 3. Stratified squamous epithelium 4. Simple Columnar epithelium A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
70	1750	Hassal's corpuscles are seen in 1. Pituitary gland 2. Liver 3. Thymus 4. Pineal gland A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
71	1001551	Which of the following cell is associated with Howship's lacuna? 1. Osteoblast 2. Osteocyte 3. Osteoclast 4. Chondroblast A1 : 1	4.0	1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

72	1001552	In ox, which of the following nerve block is used to desensitize the cheek teeth, alveoli and gums of lower jaw: 1. Frontal nerve block 2. Maxillary nerve block 3. Mental nerve block 4. Mandibular nerve block A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

73

1001553

4.0

1.00

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

List-I	List-II
(A).petrosal ganglion	(I). Trigeminal nerve
(B).Geniculate ganglion	(II).vagus nerve
(C). Gasserian ganglion	(III). Glossopharyngeal nerve
(D). Juglar ganglion	(IV). Facial nerve

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

1. (A) - (II), (B) - (I), (C) - (III), (D) - (IV)
2. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
3. (A) - (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				
74	1001554	Inferior ischatic spine is the characteristic feature of ischium in species - Equines - Bovines - canines - Porcines A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
75	1001555	Which of the following statement is true regarding fowl's ovary - Both the ovaries are functional - Only right ovary is functional - Both the ovaries are absent - Only left ovary is functional A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
76	1001556	In which species the seminal vesicles are true vesicles having elongated ,oval sacs with vertex body and neck - Ox - Horse - Dog - Pig A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question

77	1001557	Colliculus seminalis is the prominent continuation of urethral crest seen in 1. Urinary bladder 2. pelvic urethra 3. penile urethra 4. penis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

78	1001558	The cortical and medullary tissues are reversed in lymphnode ofanimal 1. Dog 2. sheep 3. Horse 4. pig A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

79	1001559		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
(A).Corona glandis	(I). prostat
(B).Bulbous glandis	(II).horse
(C). bulbous urethrae	(III). dog
(D). corpus prostaе	(IV).ox

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) - (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

80	1001560	The type of cleavage seen in birds is 1. Equal holoblastic 2. Unequal holoblastic 3. Discoidal meroblastic 4. Superficial meroblastic A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

81	1001561		4.0	1.00
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Sequence in the development of bronchi and lungs:

- A). Embryonic period
- B). Pseudo-glandular period
- C). Canalicular period
- D). Saccular period
- E). Alveolar period

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

82	1001562	The following is not a sublumbar muscle 1. Psoas major 2. Psoas minor 3. Iliacus 4. Gracilis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

83	1001563	Serous demilunes are seen ingland 1. Pancreas 2. Parotid gland 3. submandibular gland 4. Mandibular gland A1 : 1 A2 : 2	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

84	1001564	Which cells in lungs produces surfactants 1. Type II Pneumocytes 2. Clara cells 3. Type I pneumocytes 4. Dust cells A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

85	1001565	Caecum of horse presents 4 rows of sacculations known as 1. Sacus caecus 2. Taeniae coli 3. Taeniae caeci 4. Haustra A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

86	1001566	The Brunner's glands in the duodenum are present in 1. Mucus membrane (intraepithelial) 2. Sub mucosa extending into lamina propria 3. Tunica Muscularis (Between two layers of muscles) 4. Between tunica muscularis and Tunica serosa A1 : 1 A2 : 2	4.0	1.00
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		A3 : 3		
		A4 : 4		
Objective Question				
87	1001567	Distance between two psoas tubercles is called 1. Vertical diameter 2. Pelvic axis 3. Conjugate diameter 4. Transverse diameter A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
88	1001568	Which of the following is not the content of femoral canal 1. femoral Artery 2. femoral vein 3. femoral nerve 4. Internal saphenous nerve A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
89	1001569	The collagen fibres stain red with..... stain 1. Masson's trichrome stain 2. Mallory stain 3. Gridley's stain 4. Von Gieson stain A1 : 1 A2 : 2 A3 : 3	4.0	1.00

A4 : 4

Objective Question

90	1001570	Bursa of Fabricius piercespart of cloaca of birds 1. urodeum 2. coprodeum 3. proctodeum 4. between urodeum and coprodeum A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

91	1001571	Which species has rudimentary diaphragm 1. Birds 2. horses 3. pig 4. goats A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

92	1001572	Papilla salivalis open opposite toin ox 1. upper 5th cheek tooth 2. lower 5th cheek tooth 3. upper 3rd cheek tooth 4. lower 3rd cheek tooth A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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		A4 : 4		
Objective Question				
93	1001573	Arrange the layers of retina from inner to outer (A).Layer of optic nerve fibres (B).Layers of rods and cones (C).layer of ganglionic cells (D).inner plexiform layer (E) pigment epithelium Choose the correct answer from the options given below: 1. (A), (B), (D), (C), (E) 2. (A), (D), (B), (C), (E) 3. (B), (A), (D), (C), (E) 4. (C), (B), (D), (A), (E) A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
94	1001574	In Intestine, the myenteric/Auerbach's plexus is located in: 1. Between Lamina propria and submucosa 2. Between Lamina muscularis mucosae and submucosa 3. Between Tunica submucosa and Tunica muscularis 4. Between two muscle layers of Tunica muscularis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
95	1001575	Theory of epigenesis is given by 1. Karl von baer 2. K F Wolff 3. Spallanzani 4. Hamm and Leeuwenhoek	4.0	1.00

		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
96	1001576	The only ligament present in shoulder joint is 1. archiform ligament 2. capsular ligament 3. Interosseous ligament 4. Sinovial membrane A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
97	1001577	Term 'Os Dorsal or Notarium is associated with 1. Sternum of fowl 2. Synsacrum of fowl 3. Lumbosacral mass of fowl 4. Thoracic vertebrae of fowl A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
98	1001578	Onset of gastrulation is linked to the morphological appearance of: 1. Primitive streak 2. Notochord 3. Neural tube 4. Somites A1 : 1	4.0	1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

99

1001579

4.0

1.00

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

List-I	List-II
(A).Islets of langerhans	(I). liver
(B).hassal's corpuscles	(II).pancreas
(C). space of Disse	(III). lung
(D). clara cells	(IV).thymus
	(V) spleen

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

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

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

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

100	1001580	Tapetum which gives metallic luster in eye is present in - Cornea - Sclera - Retina - choroid A1 : 1 A2 : 2	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

101	1001581	Hamstring tendon is formed by..... muscles 1. Two heads of Gastrocnemius and soleus 2. Gastrocnemius, soleus and popliteus 3. Gastrocnemius, soleus, superficial digital flexor, semitendinosus 4. Gastrocnemius, soleus, superficial digital flexor, semitendinosus and gluteobiceps A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

102	1001582	Which of the following cells of JGA apparatus of nephron are modified muscle cells 1. Mesangial cells 2. Macula densa cells 3. JGA cells 4. Polkissen cells A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

103	1001583	Columella is the single bone present in which part of fowl 1. Middle ear 2. labyrinth 3. Internal ear 4. External auditory meatus A1 : 1 A2 : 2	4.0	1.00
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		A3 : 3		
		A4 : 4		

Objective Question

1041001584

4.01.00

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

List-I	List-II
(A).Foramen ovale	(I). Occipital bone
(B).Optic foramen	(II).Ethmoid bone
(C). Condylod Foramen	(III). Postsphenoid
(D). Stylomastoid Foramen	(IV).Presphenoid
	(V) Temporal

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

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

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

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

105	1001585		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
Pharyngeal pouch	Derivative
A. 1 st pharyngeal pouch	I. Ultimo-branchial body
B. 2 nd pharyngeal pouch	II. External parathyroid gland
C. 3 rd pharyngeal pouch	III. Palatine tonsil
D. 4 th & 6 th pharyngeal pouch	IV. Guttural pouch in equines

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

106	1001586	All the flexor muscles of forearm arises from medial condyle of humerus except 1. Flexor carpi radialis 2. Flexor carpi ulnaris 3. pronator teres 4. ulnaris lateralis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

107	1001587		4.0	1.00
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		Name the muscle of mastication/mandible that has one tendon and two bellies 1. Masseter 2. Temporalis 3. Buccinator 4. Digastricus A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
108	1001588	First Veins to open into sinus venosus during heart development is: 1. Vitelline veins 2. Umbilical veins 3. Cardinal veins 4. Pulmonary veins A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
109	1001589	Type of placenta in dog 1. Diffuse folded epitheliochorial and adeciduate 2. Diffuse villous, epitheliochorial and adeciduate 3. Zonary, folded epitheliochorial and deciduate 4. Zonary, lamellar, epitheliochorial and deciduate A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
110	1001590		4.0	1.00

		In ox the spine of which thoracic vertebrae is anticalinal		
		1. 1st thoracic vertebra 2. 7th thoracic vertebra 3. 11th thoracic vertebra 4. 13th thoracic vertebra		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

111	1001591	Iliac quadrification ie the term given to origin of internal and external iliac arteries from aorta at level of 1. Below sacrum 2. below last lumbar and 1st sacral vertebrae 3. 5th and 6th lumbar vertebrae 4. last sacral and 1st coccygeal vertebrae	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

112	1001592	Which part of intestine is most frequently herniated in animals in external hernia (inguinal or femoral) 1. Doudenum 2. jejunum 3. ileum 4. caecum	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

113	1001593		4.0	1.00
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In which animal the pancreas consists of two long narrow branches right and left which meet behind pylorus and enclosed in duodenum

1. Horse
2. Dog
3. pig
4. fowl

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

114 1001594

4.0 1.00

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

List-I	List-II
(A).Ostium abdominale tubae	(I). vagina
(B).Canals of gartner	(II).oviduct
(C). ligamentum latum pulmonis	(III). heart
(D). Membrana transversa	(IV).diaphragm
	(V)Trachea

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

115 1001595

4.0 1.00

Which type of tissue has origin from all germ layers

1. epithelium
2. connective tissue
3. muscular tissue
4. nervous tissue

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

116 1001596

4.0 1.00

Which of the following statements are correct in relation to portal vein

- (A). Portal vein is formed at the anterior of sublumbar region
- (B). It is formed by union of mesenteric vein and gastric veins
- (C). Also receives branches from gastro duodenal and pancreatic veins
- (D). Important component of portal triad

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

117 1001597

4.0 1.00

Large axon dilatations containing neurosecretory vesicles and other organelles in varying quantities in neurohypophysis are referred as.....

1. Nissle substance
2. Herring bodies
3. pituicytes
4. chromophils

A1 : 1

		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
118	1001598	Which of the layer is absent in stratified squamous epithelium in thin skin 1. stratum basale 2. stratum corneum 3. stratum lucidum 4. stratum spinosum A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
119	1001599	The third eye lid is a conjunctival fold fortified by elastic cartilage and lined byepithelium in pigs 1. Pseudostratified columnar epithelium 2. transitional epithelium 3. simple columnar epithelium 4. simple squamous epithelium A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
120	1001600	In domestic animals first meiotic division is completed shortly before ovulation except in sp 1. sow 2. bitch 3. Mare 4. bitch and mare A1 : 1	4.0	1.00

		A2 : 2			
		A3 : 3			
		A4 : 4			