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B.V.Sc. & A.H. (First Professional) Examination – 2023 Veterinary Anatomy Paper –I (MSVE 2016)

Time: Three Hours Maximum Marks: 100 Weightage: 20 Unit-1 : General Osteology, Arthrology and Myology Unit-2 : Fore limb Unit-3 : Head and Neck Unit-4 : Thorax Instructions: Attempt all questions 1) Answer of all questions is to be written in the space provided along with 2) the question in question-booklet. Overwriting is not allowed in the objective type question. 3) (20x0.5 = 10)0.1 Fill in the blanks. A projection on the bone is called as..... 1.1 Surgical opening of the trachea is termed as..... 1.2 Muscles having more amount of myøglobin are called as..... 1.3 1.4 is the paired cartilage of the larynx. The biceps brachii muscle is inserted ontuberosity. 1.5 The right atrio-ventrigular opening is guarded by.....valve. 1.6 The number of metacarpal bones in each limb of the horse is 1.7 The number of sternal ribs in an ox is 1.8 1.9 1.10 The shape of an eye lens is 1.11 The arteries provide the blood supply to intercostal muscles. 1/2 The number of thoracic vertebrae in the case of horses is 1.13 The terminal conical part of the spinal cord is known as..... 1.14 The duct of the parotid salivary gland is called as..... 1.15 Torus linguae is the characteristic feature of the tongue of (species). 1.16 The shape of the malleus bone of the ear is 1.17 The lobulation is not distinct in the lungs of(species). 1.18 Subscapular muscle is innervated by nerve. 1.19 Aggregation of nerve cell bodies outside of CNS is known as..... 1.20 Upper incisors are absent in (species)

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	2 Choose the most suitable answer and write the nu 2 Choose the most suitable answer and write the nu 1 or 2 or 3 or 4 in the space given against each sub 0 only extension and flexion movement is present in	•	
	the most suitable answer and write the nu	mberor	
0.	2 Choose the main the space given against each sub	question the	Co.
	1 or 2 or 5 or	scion:	(20×0.5)
	1 or 2 or 3 or 3 or 4 or 7	1	120x0.5 an
2.1	Arnioula		1
	2 Ginglymus		(
	3 Enarthrosis)
	T int		
	4. Pivot John The diaphysis is the characteristic feature of	••••	
2.2	The diaphysis to 1. Long bone		(
	2. Flat bone	1	(
	3. Short bone)
	Lungular hone		
	Which of the following artery supply the blood to the	e lungs?	
2.3	1. Carotid artery	-001	(
	2. Bronchial artery)
	3. Coronary artery		
	A Internal thoracic artery		
2.4	Which of the following foramen is the largest forame	n of skull?	
2.4	1. Infraorbital foramen		(
	2. Foramen magnum		,
	3. Mental foramen		
	4. Maxillary foramen		
2.5	The diaphragm sellae is a fold of		(
	1. Spinal dura mater		.)
	2. Spinal pia mater		
	3. Cranial arachnoid		
	4. Qranial dura mater		,
2.6	The alar notch is present in)
	1. Atlas of dog 2. Axis of dog		
	3. Atlas of horse		
	4. Axis of pig		
2.7	Extensor process is present onof the ox.	()
	1. Radius bone	(,
/	2. Third phalanx		
	3. First phalanx		
•	4. Scapula		
2.8	The number of transverse ridges on the hard palate of ox	is ()
	1. 10 2. 15-19		
	2. 13-19 3. 8-13		
	4. 22-25		
2.9	Which of the following nerve provide nerve supply to home)
	1. Hypoglossal nerve	157	,
	2. Facial nerve		
	3. Cornual nerve	·	
	4. Infraorbital nerve		

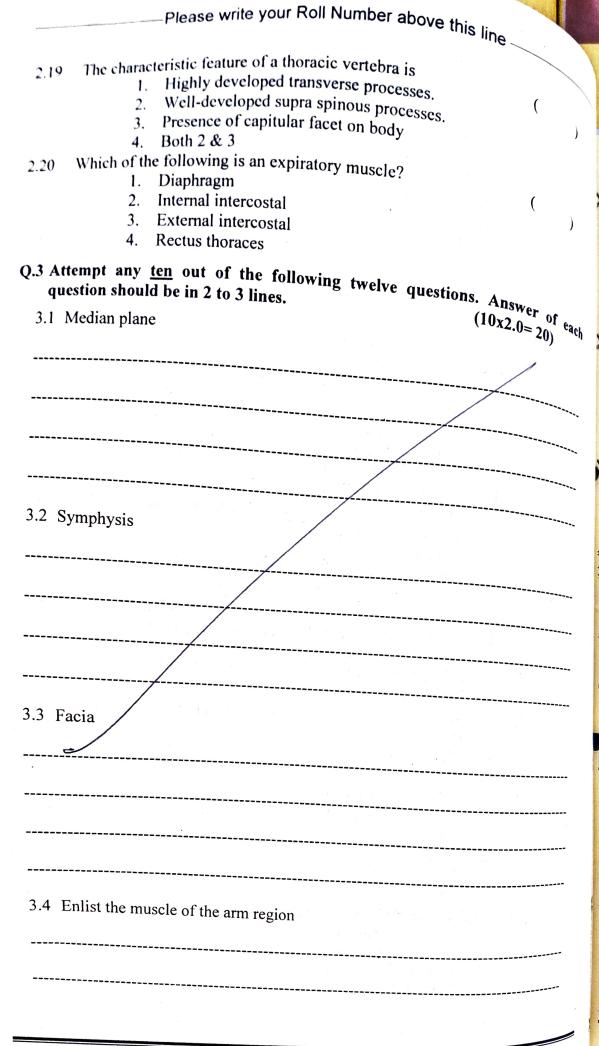
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2.10	 Which of the following structure present only in the eyes of birds? 1. Cornea 2. Lens 3. Pecten 4. Choroid 	()
2.11	 The type of Atlanto-axial articulation is Pivot joint Hinge joint Ball and socket Gliding joint 	()
2.12	 The location of papilla salivalis in the horse is about the level of Opposite to upper 5th cheek tooth Opposite to lower 5th cheek tooth Opposite to upper 3rd cheek tooth Opposite to lower 3rd cheek tooth 	()
2.13	 The parasympathetic nervous system is also termed as 1. Cranio- cervical outflow 2. Thoraco-sacral outflow 3. Thoraco-lumbar outflow 4. Cranio-sacral outflow 	()
2.14	 Which of the following is the example of exo-skeleton in mammals 1. Skull, sternum, ribs, and vertebrae 2. Feathers, scales 3. Bones of forelimb and hind limb 4. Hairs, hooves, horns, claws, and nails 	s? ()
2.15	 Which of the following sentence is true regarding mediastinum? 1. In horses, posterior mediastinum appears fenestrated. 2. In ox posterior mediastinum appears fenestrated 3. In horses, mediastinum is not fenestrated. 4. Mediastinum is absent in dogs. 	()
2.16	 Which of the following muscle extends the elbow joint? 1. Brachialis 2. Biceps brachii 3. Triceps brachii 4. Extensor carpi radialis 	()
2.17	Boat-shaped sternum is found in? 1. Pig 2. Horse 3. Dog 4. Cattle	(
2.18	 4. Cattle Latissimus dorsi muscle is innervated by 1. Thoraco dorsal nerve 2. Long thoracic nerve 3. External thoracic nerve 4. Musculocutaneous nerve 	(

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3.9 Torus linguae	
3.10 Pupil	
3.11 Guttural pouch	
3.12 Uncinate process	
.4 Attempt any <u>six</u> out of the following eight questio should be in 8 to 10 lines.	
.1 Classify the bones with suitable examples.	
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•	Enlist the different types of fibrous joints and explain the sutures.
.2	Emist the different types of horous joints and explain the sutures.
	//
	/
	/
	//
4.3	Write the topographic location of the heart and explain the external structure
	of the heart.
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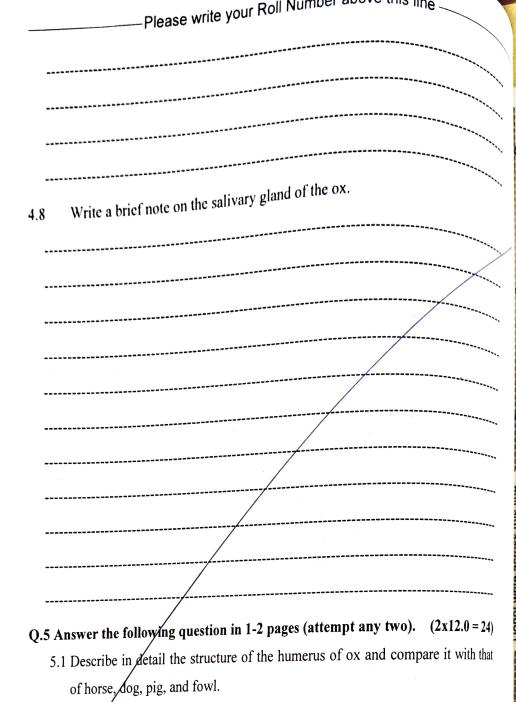
4.4 Write about the axis of the ox.	
4.5 Write about the diaphragm of the ox.	
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4.6	Write about the right lung of the ox.
·	
4.7	Explain the tunics of the eyeball in brief.
	-/
]	

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- 5.2 Enumerate the cranial nerves serially with their type and describe the trigeminal nerve in detail.
- Describe the blood supply of the forelimb in detail.