

# National Testing Agency

<b>Question Paper Name :</b>	Veterinary Anatomy and Histology 23rd Sep 2020 Shift 2 Set 2
<b>Subject Name :</b>	Veterinary Anatomy and Histology
<b>Creation Date :</b>	2020-09-23 19:33:38
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<b>Display Marks:</b>	Yes
<b>Share Answer Key With Delivery Engine :</b>	Yes
<b>Actual Answer Key :</b>	Yes

## Veterinary Anatomy and Histology

<b>Group Number :</b>	1
<b>Group Id :</b>	71087032
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	120
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Break time :</b>	0
<b>Group Marks :</b>	480
<b>Is this Group for Examiner? :</b>	No

## Part A General Knowledge

<b>Section Id :</b>	71087094
<b>Section Number :</b>	1
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	20

<b>Number of Questions to be attempted :</b>	20
<b>Section Marks :</b>	80
<b>Display Number Panel :</b>	Yes
<b>Group All Questions :</b>	Yes
<b>Mark As Answered Required? :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	71087094
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 7108703781 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Which one of the following crops is a commercial crop in Punjab and Haryana but is a subsistence crop in Orissa?

1. Tea
2. Cotton
3. Rubber
4. Rice

**Options :**

71087015121. 1  
71087015122. 2  
71087015123. 3  
71087015124. 4

**Question Number : 2 Question Id : 7108703782 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Which of the following are the two most important wheat-growing zones of the country?

- A. Ganga-Satluj plains in the north-west
- B. Deltaic regions
- C. Black soil region of the Deccan
- D. Plains of north-east

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

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

**Options :**

- 71087015125. 1
- 71087015126. 2
- 71087015127. 3
- 71087015128. 4

**Question Number : 3 Question Id : 7108703783 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Indian agriculture is typically characterized as

- 1. Land surplus, labour scarce economy
- 2. Land surplus, labour surplus economy
- 3. Land scarce, labour surplus economy
- 4. Land scarce, labour scarce economy

**Options :**

- 71087015129. 1

71087015130. 2

71087015131. 3

71087015132. 4

**Question Number : 4 Question Id : 7108703784 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Which one of the following countries is the main rival of India in tea export?

1. China
2. Japan
3. Germany
4. Sri Lanka

**Options :**

71087015133. 1

71087015134. 2

71087015135. 3

71087015136. 4

**Question Number : 5 Question Id : 7108703785 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement A:** MSP is declared by the government every year to provide incentives to the farmers for raising the production of crops.

**Statement B:** Buffer stock is created to distribute food grains in the deficit areas and among the poorer strata of the society at the lower price than the market price.

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

1. Both Statement A and Statement B are correct
2. Both Statement A and Statement B are incorrect
3. Statement A is correct but Statement B is incorrect
4. Statement A is incorrect but Statement B is correct

**Options :**

71087015137. 1

71087015138. 2

71087015139. 3

71087015140. 4

**Question Number : 6 Question Id : 7108703786 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following is a global association of nations of the world to help cooperation in international law, security, economic development and social equity?

1. United Nations Organization
2. International Monetary Fund
3. World Bank
4. World Health Organization

**Options :**

- 71087015141. 1
- 71087015142. 2
- 71087015143. 3
- 71087015144. 4

**Question Number : 7 Question Id : 7108703787 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Under the Ganga Action Plan Phase II, pollution abatement works are being taken up in how many towns?

- 1. 57
- 2. 65
- 3. 52
- 4. 69

**Options :**

- 71087015145. 1
- 71087015146. 2
- 71087015147. 3
- 71087015148. 4

**Question Number : 8 Question Id : 7108703788 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following statements is **incorrect**?

- 1. The highest number of pigs in the world are found in India
- 2. Utter Pradesh provides largest amount of pork
- 3. Assam has the largest number of pork producing pigs
- 4. Pork constitutes about 7.6% of the total meat produced in India

**Options :**

71087015149. 1  
71087015150. 2  
71087015151. 3  
71087015152. 4

**Question Number : 9 Question Id : 7108703789 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Which type of N-fertilizer is suitable for water-logged soils?

1. Zinc Phosphate
2. Ammonium Sulphate
3. Calcium
4. Potassium Nitrate

**Options :**

71087015153. 1  
71087015154. 2  
71087015155. 3  
71087015156. 4

**Question Number : 10 Question Id : 7108703790 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

The famous Bailadila range of hills in the Bastar district of Chhattisgarh is famous for its

1. Bauxite deposits
2. Manganese deposits
3. Copper deposits
4. High-grade haematite deposits

**Options :**

71087015157. 1

71087015158. 2

71087015159. 3

71087015160. 4

**Question Number : 11 Question Id : 7108703791 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

A farmer wishes to start a 100 sq. m rectangular vegetable garden. Since he has only 30m barbed wire, he fences three sides of the garden letting his house compound wall act as the fourth side fencing. What is the dimension of the garden?

1. 15 m x 6.67m
2. 20 m x 5 m
3. 30 m x 3.33 m
4. 40 m x 2.5 m

**Options :**

71087015161. 1

71087015162. 2

71087015163. 3

71087015164. 4

**Question Number : 12 Question Id : 7108703792 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

In which one of the following industries, the consumption of natural rubber is the largest?

1. Auto tyres and tubes
2. Footwear
3. Dipped goods
4. Latex foam

**Options :**



71087015165. 1  
71087015166. 2  
71087015167. 3  
71087015168. 4

**Question Number : 13 Question Id : 7108703793 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Which one of the following countries was the partner country of 34<sup>th</sup> Surajkund International Crafts Fair held in Haryana?

1. China
2. Nepal
3. Bhutan
4. Uzbekistan

**Options :**

71087015169. 1  
71087015170. 2  
71087015171. 3  
71087015172. 4

**Question Number : 14 Question Id : 7108703794 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Nobel laureate Abhijit Vinayak Banerjee was conferred the honorary Doctor of Letters (D. Litt.) by which University?

1. University of Delhi
2. University of Kolkata
3. University of Mumbai
4. University of Hyderabad

**Options :**

- 71087015173. 1
- 71087015174. 2
- 71087015175. 3
- 71087015176. 4

**Question Number : 15 Question Id : 7108703795 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Where is the headquarters of European Union?

- 1. Geneva, Switzerland
- 2. Washington D.C., USA
- 3. New York, US
- 4. Brussels, Belgium

**Options :**

- 71087015177. 1
- 71087015178. 2
- 71087015179. 3
- 71087015180. 4

**Question Number : 16 Question Id : 7108703796 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Which of the following would be deficient if one finds high somatic cell count in the cow's milk?

- 1. Butterfat
- 2. Whey protein
- 3. Casein
- 4. Trace minerals

**Options :**

- 71087015181. 1
- 71087015182. 2
- 71087015183. 3
- 71087015184. 4

**Question Number : 17 Question Id : 7108703797 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Who was the first administrator-statesman to attempt planning as a means for economic development?

- 1. C. Rajagopalachari
- 2. V. T. Krishnamachari
- 3. M. Viswesvarayya
- 4. Sir C. P. Ramaswami Aiyar

**Options :**

- 71087015185. 1
- 71087015186. 2
- 71087015187. 3
- 71087015188. 4

**Question Number : 18 Question Id : 7108703798 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Amazon rainforest span over nine countries. In August 2019, in which country did a deadly fire broke out in the Amazon forest?

- 1. Brazil
- 2. Venezuela
- 3. Colombia
- 4. Argentina

**Options :**

- 71087015189. 1
- 71087015190. 2
- 71087015191. 3
- 71087015192. 4

**Question Number : 19 Question Id : 7108703799 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Economic liberalization in India started with

- 1. Sustainable changes in industrial licensing policy
- 2. The convertibility of the Indian Rupee
- 3. Significant reduction of tax rates
- 4. Changes in procedural formalities for FDI

**Options :**

- 71087015193. 1
- 71087015194. 2
- 71087015195. 3
- 71087015196. 4

**Question Number : 20 Question Id : 7108703800 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

The term 'Delimitation' which was in news recently is associated with which process?

- 1. Fixing the limit of Income tax
- 2. Fixing limits of Affordable housing
- 3. Fixing limits of Territorial constituencies
- 4. Fixing limits of Chairpersons salary

**Options :**

- 71087015197. 1

71087015198.2  
71087015199.3  
71087015200.4

## Part B Core Veterinary and Animal Sciences-III

<b>Section Id :</b>	71087095
<b>Section Number :</b>	2
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	50
<b>Number of Questions to be attempted :</b>	50
<b>Section Marks :</b>	200
<b>Display Number Panel :</b>	Yes
<b>Group All Questions :</b>	Yes
<b>Mark As Answered Required? :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	71087095
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 21 Question Id : 7108703801 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

The Vertebral formula of Ox is

1. C<sub>7</sub> T<sub>13</sub> L<sub>6</sub> S<sub>(5)</sub> Cy<sub>18-20</sub>
2. C<sub>7</sub> T<sub>18</sub> L<sub>6</sub> S<sub>(5)</sub> Cy<sub>15-21</sub>
3. C<sub>7</sub> T<sub>13</sub> L<sub>7</sub> S<sub>(3)</sub> Cy<sub>18-23</sub>
4. C<sub>7</sub> T<sub>13-14</sub> L<sub>6-7</sub> S<sub>(4)</sub> Cy<sub>15</sub>

**Options :**

71087015201.1  
71087015202.2

71087015203. 3

71087015204. 4

**Question Number : 22 Question Id : 7108703802 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Trochanter tertius is present in the femur of

1. Horse
2. Ox
3. Dog
4. Pig

**Options :**

71087015205. 1

71087015206. 2

71087015207. 3

71087015208. 4

**Question Number : 23 Question Id : 7108703803 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The largest salivary gland in horse is

1. Parotid
2. Mandibular
3. Sublingual
4. Zygomatic

**Options :**

71087015209. 1

71087015210. 2

71087015211. 3

71087015212. 4

**Question Number : 24 Question Id : 7108703804 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

The III<sup>rd</sup> and IV<sup>th</sup> metacarpals get fused to form large metacarpal in

1. Horse
2. Ox
3. Dog
4. Pig

**Options :**

- 71087015213. 1
- 71087015214. 2
- 71087015215. 3
- 71087015216. 4

**Question Number : 25 Question Id : 7108703805 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Odontoid process is present in

1. Atlas
2. Axis
3. 6<sup>th</sup> cervical vertebra
4. Typical cervical vertebra

**Options :**

- 71087015217. 1
- 71087015218. 2
- 71087015219. 3
- 71087015220. 4

**Question Number : 26 Question Id : 7108703806 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Mediastinum testis is absent in

1. Bull
2. Boar
3. Sow
4. Horse

**Options :**

71087015221. 1  
71087015222. 2  
71087015223. 3  
71087015224. 4

**Question Number : 27 Question Id : 7108703807 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Thyroid follicles are lined with

1. Simple squamous epithelium
2. Simple cuboidal epithelium
3. Simple columnar epithelium
4. Pseudostratified columnar epithelium

**Options :**

71087015225. 1  
71087015226. 2  
71087015227. 3  
71087015228. 4

**Question Number : 28 Question Id : 7108703808 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**



The first branch of aorta is

1. Common carotid artery
2. Coronary artery
3. Common brachiocephalic artery
4. Bronchial artery

**Options :**

71087015229. 1

71087015230. 2

71087015231. 3

71087015232. 4

**Question Number : 29 Question Id : 7108703809 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The facial crest is prominent and is used as landmark to record pulse rate in

1. Horse
2. Ox
3. Dog
4. Pig

**Options :**

71087015233. 1

71087015234. 2

71087015235. 3

71087015236. 4

**Question Number : 30 Question Id : 7108703810 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

A sickle-shaped fold of dura mater, situated in the longitudinal fissure between the two cerebral hemispheres is called

1. Falx cerebri
2. Tentorium cerebelli
3. Tela choroidea
4. Sella turcica

**Options :**

71087015237. 1  
71087015238. 2  
71087015239. 3  
71087015240. 4

**Question Number : 31 Question Id : 7108703811 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following indices most correctly represents a margin of safety but is least practically applied?

1. Therapeutic Index
2. Certain Safety Factor
3. Therapeutic Ratio
4. Dose Ratio

**Options :**

71087015241. 1  
71087015242. 2  
71087015243. 3  
71087015244. 4

**Question Number : 32 Question Id : 7108703812 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Atropine causes

1. Miosis, a reduction in intraocular pressure and cyclospasm
2. Mydriasis, a rise in intraocular pressure and cycloplegia
3. Miosis, a rise in intraocular pressure and cycloplegia
4. Mydriasis, a rise in intraocular pressure and cyclospasm

**Options :**

71087015245. 1

71087015246. 2

71087015247. 3

71087015248. 4

**Question Number : 33 Question Id : 7108703813 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Drug of choice for the treatment of Zollinger Ellison Syndrome is

1. Famotidine
2. Omeprazole
3. Lansoprazole
4. Cimetidine

**Options :**

71087015249. 1

71087015250. 2

71087015251. 3

71087015252. 4

**Question Number : 34 Question Id : 7108703814 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Methylxanthine derivatives produce diuretic action by

1. Inhibiting  $\text{Na}^+$ - $\text{Cl}^-$  exchange at distal convoluted tubules
2. Enhancing renal blood flow
3. Decreasing water absorption in descending loop of Henle
4. Blocking  $\text{Na}^+$  channels ion collecting ducts

**Options :**

71087015253. 1

71087015254. 2

71087015255. 3

71087015256. 4

**Question Number : 35 Question Id : 7108703815 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following is the long-acting corticosteroid?

1. Corticosone
2. Triamcinolone
3. Betamethasone
4. Prednisolone

**Options :**

71087015257. 1

71087015258. 2

71087015259. 3

71087015260. 4

**Question Number : 36 Question Id : 7108703816 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Conversion of angiotensin I to angiotensin II is catalysed by

1. Angiotensin converting enzyme
2. Amino peptidase enzyme
3. Phospholipase enzyme
4. Cyclooxygenase enzyme

**Options :**

71087015261. 1

71087015262. 2

71087015263. 3

71087015264. 4

**Question Number : 37 Question Id : 7108703817 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Chemically, cephalosporin nucleus is

1. 7-aminocephalosporanic acid
2. 3-aminocephalosporanic acid
3. 7-Hydroxycephalosporanic acid
4. 3-amino-4 methyl-cephalosporanic acid

**Options :**

71087015265. 1

71087015266. 2

71087015267. 3

71087015268. 4

**Question Number : 38 Question Id : 7108703818 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Fenvalerate belongs to which one of the following classes of insecticides?

1. Carbamate insecticides
2. Synthetic Pyrethroid insecticide Type I
3. Synthetic Pyrethroid insecticide Type II
4. Organophosphate insecticide

**Options :**

71087015269. 1

71087015270. 2

71087015271. 3

71087015272. 4

**Question Number : 39 Question Id : 7108703819 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is**

**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The response in case of drug-enzymatic receptor interaction occurs within

1. Milliseconds
2. Seconds
3. Minutes
4. Hours to days

**Options :**

71087015273. 1

71087015274. 2

71087015275. 3

71087015276. 4

**Question Number : 40 Question Id : 7108703820 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is**

**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following non-steroidal anti-inflammatory drug has the highest COX-2 IC50/  
COX-1 IC50?

1. Meloxicam
2. Piroxicam
3. Nimesulide
4. Paracetamol

**Options :**

71087015277. 1  
71087015278. 2  
71087015279. 3  
71087015280. 4

**Question Number : 41 Question Id : 7108703821 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is  
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Central venous pressure is a direct measure of

1. Afterload
2. Blood pressure in the cranial vena cava
3. Preload
4. Venous blood volume

**Options :**

71087015281. 1  
71087015282. 2  
71087015283. 3  
71087015284. 4

**Question Number : 42 Question Id : 7108703822 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is  
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The calculated ratio of the density of a local anaesthetic solution to the density of CSF is

1. Isobaricity
2. Hypobaricity
3. Baricity
4. Hyperbaricity

**Options :**

71087015285. 1  
71087015286. 2  
71087015287. 3  
71087015288. 4

**Question Number : 43 Question Id : 7108703823 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

The addition of sodium bicarbonate to procaine, mepivacaine and lidocaine will

1. Enhance the onset of nerve block
2. Shorten the onset of nerve block
3. Not change in the onset of nerve block
4. Enhance the onset and depth of nerve block

**Options :**

71087015289. 1  
71087015290. 2  
71087015291. 3  
71087015292. 4

**Question Number : 44 Question Id : 7108703824 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**



A long scale of contrast for an abdominal view may be achieved by

1. Low kVp and high mAs
2. High kVp and high mAs
3. High kVp and low mAs
4. Low kVp and low mAs

**Options :**

71087015293. 1

71087015294. 2

71087015295. 3

71087015296. 4

**Question Number : 45 Question Id : 7108703825 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The most common type of shoulder luxation noticed in dogs is

1. Cranial
2. Lateral
3. Medial
4. Caudal

**Options :**

71087015297. 1

71087015298. 2

71087015299. 3

71087015300. 4

**Question Number : 46 Question Id : 7108703826 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The bone disease characterized by medullary fibrosis as well as both endosteal and subperiosteal new bone deposition is called

1. Panosteitis
2. Osteodystrophy
3. Osteopathy
4. Osteomyelitis

**Options :**

71087015301. 1  
71087015302. 2  
71087015303. 3  
71087015304. 4

**Question Number : 47 Question Id : 7108703827 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Appearance of a dog suffering with ptosis can be improved by shortening

1. Frontalis muscle
2. Aponeurosis of frontalis muscle
3. Levator palpebrae muscle
4. Orbicularis oculi muscle

**Options :**

71087015305. 1  
71087015306. 2  
71087015307. 3  
71087015308. 4

**Question Number : 48 Question Id : 7108703828 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following is NOT an expiratory muscle?

1. External intercostal
2. Internal intercostal
3. Rectus abdominis
4. Diaphragm

**Options :**

71087015309. 1

71087015310. 2

71087015311. 3

71087015312. 4

**Question Number : 49 Question Id : 7108703829 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Synthetic vascular grafts are best suited for

1. Large veins
2. Larger arteries
3. Small veins
4. Small arteries

**Options :**

71087015313. 1

71087015314. 2

71087015315. 3

71087015316. 4

**Question Number : 50 Question Id : 7108703830 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The kidney in the ox has

1. 12-14 lobes
2. 15-16 lobes
3. 18-20 lobes
4. 22-24 lobes

**Options :**

71087015317. 1  
71087015318. 2  
71087015319. 3  
71087015320. 4

**Question Number : 51 Question Id : 7108703831 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Fiberoptic gastro duodenoscopy is a practical procedure in a sedated horse that has had no feed for

1. 1 to 5 hours
2. 6 to 8 hours
3. 12 to 24 hours
4. 9 to 11 hours

**Options :**

71087015321. 1  
71087015322. 2  
71087015323. 3  
71087015324. 4

**Question Number : 52 Question Id : 7108703832 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following viral diseases does NOT cause secondary abomasal ulceration in cattle?

1. Foot and Mouth disease
2. Rinderpest
3. Bovine virus diarrhoea
4. Bovine malignant catarrh

**Options :**

71087015325. 1  
71087015326. 2  
71087015327. 3  
71087015328. 4

**Question Number : 53 Question Id : 7108703833 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Aspiration pneumonia is the consistent lesion of crude oil poisoning in

1. Cattle
2. Sheep
3. Goat
4. Horse

**Options :**

71087015329. 1  
71087015330. 2  
71087015331. 3  
71087015332. 4

**Question Number : 54 Question Id : 7108703834 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Dermatitis due to sarcoptic mange is most important in

1. Cattle
2. Sheep and goat
3. Pigs
4. Dogs

**Options :**

71087015333. 1  
71087015334. 2  
71087015335. 3  
71087015336. 4

**Question Number : 55 Question Id : 7108703835 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

In cobalt deficiency, one injection of B<sub>12</sub>, 1.0 mg in lambs provides protection to lambs for a period of

1. 14 weeks
2. One week
3. Three weeks
4. One month

**Options :**

71087015337. 1  
71087015338. 2  
71087015339. 3  
71087015340. 4

**Question Number : 56 Question Id : 7108703836 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Amitraz is widely used in most-species but is prohibited in

1. Bovines
2. Caprines
3. Ovines
4. Equines

**Options :**

71087015341. 1

71087015342. 2

71087015343. 3

71087015344. 4

**Question Number : 57 Question Id : 7108703837 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Bovine tropical theileriosis in India is caused by

1. *Theileria parva*
2. *Theileria mutans*
3. *Theileria annulata*
4. *Theileria lestoquardi*

**Options :**

71087015345. 1

71087015346. 2

71087015347. 3

71087015348. 4

**Question Number : 58 Question Id : 7108703838 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Prevention of Cruelty to Animals Act was enacted in the year

1. 1947
2. 1957
3. 1960
4. 1955

**Options :**

71087015349. 1  
71087015350. 2  
71087015351. 3  
71087015352. 4

**Question Number : 59 Question Id : 7108703839 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Which one of the following metabolic reactions does NOT occur in acute intestinal obstruction in cattle?

1. Hypochloremia
2. Hypokalemia
3. Metabolic alkalosis
4. Metabolic acidosis

**Options :**

71087015353. 1  
71087015354. 2  
71087015355. 3  
71087015356. 4

**Question Number : 60 Question Id : 7108703840 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**



Which one of the following primary drugs is NOT used for elephant tuberculosis?

1. Isoniazid
2. Rifampin
3. Levofloxacin
4. Ceftiofur sodium

**Options :**

71087015357. 1

71087015358. 2

71087015359. 3

71087015360. 4

**Question Number : 61 Question Id : 7108703841 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

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

List I	List II
A. Rabbits	I. 16 to 18 months, puberty age
B. Sheep	II. 3 to 4 months
C. Exotic cattle	III. 7 to 8 months
D. Horse	IV. 13 to 16 months for puberty

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

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

**Options :**

71087015361. 1

71087015362. 2

71087015363. 3

71087015364. 4

**Question Number : 62 Question Id : 7108703842 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Duration of estrus is longer in the mare than sow

**Statement II:** In farm animals, ovulation occurrence is followed by corpus luteum formation, and resulting in progesterone secretion

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

**Options :**

71087015365. 1

71087015366. 2

71087015367. 3

71087015368. 4

**Question Number : 63 Question Id : 7108703843 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Identify the drawback of artificial insemination in farm animals

1. Genetic improvement is fast
2. Few thousand bulls can be multiplied
3. It is economical
4. Skilled trained manpower needed

**Options :**

71087015369. 1

71087015370. 2

71087015371. 3

71087015372. 4

**Question Number : 64 Question Id : 7108703844 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The ejaculate of a normal male may contain a proportion of abnormal spermatozoa. The number of these will NOT depend upon

1. Age of the animal
2. Season of the year
3. Method of collection
4. Skill of the person, collecting semen

**Options :**

71087015373. 1

71087015374. 2

71087015375. 3

71087015376. 4

**Question Number : 65 Question Id : 7108703845 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Comparative studies of cow and buffalo bull semen for chemical composition revealed that both are comparable in

1. Phosphatase activity
2. The absolute level of Na and P
3. Concentration of total reducing substances
4. Sialic acid concentration

**Options :**

71087015377. 1

71087015378. 2

71087015379. 3

71087015380. 4

**Question Number : 66 Question Id : 7108703846 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

White heifer disease has which of the following signs and symptoms?

- A. Incompletely developed uterus
- B. Incompletely developed vagina
- C. Developed uterus and vagina
- D. Vulva and gonads are normal
- E. Gonads are normal, but uterus, vagina and vulva are incompletely developed

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

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

**Options :**

- 71087015381. 1
- 71087015382. 2
- 71087015383. 3
- 71087015384. 4

**Question Number : 67 Question Id : 7108703847 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Free martin is an infertile heifer born as co-twin with a female calf

**Statement II:** Free martin is an infertile heifer born as co-twin with a bull calf

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

**Options :**

- 71087015385. 1
- 71087015386. 2
- 71087015387. 3
- 71087015388. 4

**Question Number : 68 Question Id : 7108703848 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Incidence of cystic ovaries is high in exotic cows in India

**Statement II:** Nymphomaniac case may have animals with periods of intense heat at frequent intervals or permanent heat

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

**Options :**

71087015389. 1

71087015390. 2

71087015391. 3

71087015392. 4

**Question Number : 69 Question Id : 7108703849 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

The degree of initial motility is empirically expressed as which one of the following?

1. Four plus [++++] denotes 40-60% spermatozoa with vigorous progressive movement
2. Three plus [+++] indicates 30-40% spermatozoa with vigorous progressive movement
3. Four plus [++++] denotes 60-80% spermatozoa with vigorous progressive movement as indicated by waves
4. One plus [+] indicates more than 30% spermatozoa with low progressive motion

**Options :**

71087015393. 1

71087015394. 2  
71087015395. 3  
71087015396. 4

**Question Number : 70 Question Id : 7108703850 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

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

<b>List I</b>	<b>List II</b>
A. FSH	I. Dulbecco's buffered saline
B. Morula	II. Cryoprotective agent
C. Glycerol	III. 32 cells
D. Uterine flushing	IV. Pluset

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

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

**Options :**

71087015397. 1  
71087015398. 2  
71087015399. 3  
71087015400. 4

## **Part C Veterinary Anatomy and Histology**

**Section Id :**

71087096

**Section Number :**

3

<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	50
<b>Number of Questions to be attempted :</b>	50
<b>Section Marks :</b>	200
<b>Display Number Panel :</b>	Yes
<b>Group All Questions :</b>	Yes
<b>Mark As Answered Required? :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	71087096
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 71 Question Id : 7108703851 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Supratrochlear foramen is present in the femur of

1. Ox
2. Horse
3. Dog
4. Fowl

**Options :**

- 71087015401. 1
- 71087015402. 2
- 71087015403. 3
- 71087015404. 4

**Question Number : 72 Question Id : 7108703852 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**



Most anterior part of the upper jaw is formed by

1. Maxilla
2. Premaxilla
3. Mandible
4. Nasal

**Options :**

71087015405. 1

71087015406. 2

71087015407. 3

71087015408. 4

**Question Number : 73 Question Id : 7108703853 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Supraorbital process of frontal lobe is very short and like a blunt tubercle in

1. Ox
2. Horse
3. Dog
4. Fowl

**Options :**

71087015409. 1

71087015410. 2

71087015411. 3

71087015412. 4

**Question Number : 74 Question Id : 7108703854 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Fibrocartilagenous disc is NOT present in

1. Stifle joint
2. Temporo-mandibular articulation
3. Intercentral articulation
4. Hock joint

**Options :**

71087015413. 1

71087015414. 2

71087015415. 3

71087015416. 4

**Question Number : 75 Question Id : 7108703855 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Conjugate diameter is taken as the distance between

1. Two psoas tubercles
2. Sacral promontory to anterior part of pubis
3. Two tuber coxae
4. Two tuber ischii

**Options :**

71087015417. 1

71087015418. 2

71087015419. 3

71087015420. 4

**Question Number : 76 Question Id : 7108703856 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

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

<b>List I</b>	<b>List II</b>
A. Deltoid tuberosity	I. III phalanx
B. Sustentaculum tali	II. Fibular tarsal
C. Olecranon process	III. Humerus
D. Extensor process	IV. Ulna

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

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

**Options :**

71087015421. 1

71087015422. 2

71087015423. 3

71087015424. 4

**Question Number : 77 Question Id : 7108703857 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Select the statements which are NOT true for the tongue of dogs

A. The tongue is bright pink/red in colour

B. Torus linguae is absent

C. Lyssa is present

D. Number of vallate papillae is 8-17

E. Foliate papillae are absent

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

1. A, B and C only

2. D and E only

3. A, B, C and E only

4. C and E only

**Options :**

71087015425. 1

71087015426. 2

71087015427. 3

71087015428. 4

**Question Number : 78 Question Id : 7108703858 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Caecum has four longitudinal bands and four rows of sacculations in

1. Ox

2. Horse

3. Dog

4. Pig

**Options :**

71087015429. 1  
71087015430. 2  
71087015431. 3  
71087015432. 4

**Question Number : 79 Question Id : 7108703859 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

The communication of mouth cavity and pharynx is called

1. Rima oris
2. Isthmus faucium
3. Orbicularis oris
4. Commissure laborium

**Options :**

71087015433. 1  
71087015434. 2  
71087015435. 3  
71087015436. 4

**Question Number : 80 Question Id : 7108703860 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

The accessory sex gland(s) present in dog is/are

- A. Seminal vesicle
- B. Prostate glands
- C. Bulbourethral glands
- D. Ampullary glands

Select the correct answer from the options given below:

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

**Options :**

- 71087015437. 1
- 71087015438. 2
- 71087015439. 3
- 71087015440. 4

**Question Number : 81 Question Id : 7108703861 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

The female genital system of mares is characterized by

- A. Bean shaped ovary
- B. Ovulation fossa is present
- C. The anterior extremity which receives the oviduct is blunt
- D. Cotyledons are present
- E. Uterus is 'V' shaped

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

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

**Options :**

- 71087015441. 1
- 71087015442. 2
- 71087015443. 3
- 71087015444. 4

**Question Number : 82 Question Id : 7108703862 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

In ox, the border of the liver which lodges posterior vena cava and presents oesophageal notch below its middle is

- 1. Left border
- 2. Right border
- 3. Dorsal border
- 4. Ventral border

**Options :**

- 71087015445. 1
- 71087015446. 2
- 71087015447. 3
- 71087015448. 4

**Question Number : 83 Question Id : 7108703863 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The muscle which is NOT inserted on calcaneal tubercle is

- 1. Biceps femoris
- 2. Gastrocnemius
- 3. Superficial digital flexor
- 4. Soleus

**Options :**

- 71087015449. 1
- 71087015450. 2
- 71087015451. 3
- 71087015452. 4

**Question Number : 84 Question Id : 7108703864 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The tela choroidea is the important fold of

- 1. Dura mater
- 2. Pia mater
- 3. Arachnoid
- 4. Pericardium

**Options :**

- 71087015453. 1



71087015454. 2

71087015455. 3

71087015456. 4

**Question Number : 85 Question Id : 7108703865 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Gastroduodenal artery is the branch of

1. Splenic artery
2. Hepatic artery
3. Right ruminal artery
4. Middle colic artery

**Options :**

71087015457. 1

71087015458. 2

71087015459. 3

71087015460. 4

**Question Number : 86 Question Id : 7108703866 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The blood vessel which is commonly used to give an intravenous injection in a large animal is

1. External jugular vein
2. Internal jugular vein
3. Saphenous vein
4. Brachial vein

**Options :**

71087015461. 1

71087015462. 2

71087015463. 3

71087015464. 4

**Question Number : 87 Question Id : 7108703867 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

A jelly-like transparent substance which occupies the space between the lens and retina is

1. Aqueous humor
2. Vitreous humor
3. Crystalline lens
4. Vitreous stroma

**Options :**

71087015465. 1

71087015466. 2

71087015467. 3

71087015468. 4

**Question Number : 88 Question Id : 7108703868 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The picric acid based fixative mixture is

1. Zenker's fluid
2. Carnoy's fluid
3. Bouin's fluid
4. Clark's fluid

**Options :**

71087015469. 1

71087015470. 2

71087015471. 3

71087015472. 4

**Question Number : 89 Question Id : 7108703869 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Verhoeff's stain is used for the demonstration of

1. Reticular fibers
2. Collagen fibers
3. Elastic fibers
4. Muscle fibers

**Options :**

71087015473. 1  
71087015474. 2  
71087015475. 3  
71087015476. 4

**Question Number : 90 Question Id : 7108703870 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

The fluid used for decalcification is

1. Pereny's fluid
2. Orth's fluid
3. Clark's fluid
4. Any of the above

**Options :**

71087015477. 1  
71087015478. 2  
71087015479. 3  
71087015480. 4

**Question Number : 91 Question Id : 7108703871 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Which of the following is the correct sequence of steps for tissue processing, in the preparation of histological slides?

- A. Dehydration, washing, clearing, embedding and infiltration.
- B. Washing, dehydration, clearing, infiltration and embedding.
- C. Clearing, dehydration, washing and rehydration.
- D. Clearing, dehydration, washing, staining and rehydration.
- E. Dehydration, clearing, washing, staining and dehydration.

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

- 1. B only
- 2. A and D only
- 3. A and E only
- 4. A and C only

**Options :**

- 71087015481. 1
- 71087015482. 2
- 71087015483. 3
- 71087015484. 4

**Question Number : 92 Question Id : 7108703872 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Outer cortex and inner medulla are distinct in

1. Spleen
2. Hemal node
3. Lymph node
4. Thymus

**Options :**

71087015485. 1  
71087015486. 2  
71087015487. 3  
71087015488. 4

**Question Number : 93 Question Id : 7108703873 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

A paraffin section having seromucous glandular acini was stained with Hematoxylin and Eosin stain. In addition to typical serous and mucous acini, at certain places, half-moon shaped acini were also observed. Identify these structures

1. Purely serous acini
2. Purely mucous acini
3. Artefacts
4. Serous demilunes

**Options :**

71087015489. 1  
71087015490. 2  
71087015491. 3  
71087015492. 4

**Question Number : 94 Question Id : 7108703874 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Bipolar neurons are found in

1. Cerebrum
2. Cerebellum
3. Retina
4. Spinal cord

**Options :**

71087015493. 1  
71087015494. 2  
71087015495. 3  
71087015496. 4

**Question Number : 95 Question Id : 7108703875 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Typical perichondrium is absent in

1. Hyaline cartilage
2. Fibro cartilage
3. Elastic cartilage
4. Epiglottic cartilage

**Options :**

71087015497. 1  
71087015498. 2  
71087015499. 3  
71087015500. 4

**Question Number : 96 Question Id : 7108703876 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

In the Central Nervous System, the phagocytic function is performed by

1. Astrocytes
2. Microglia cells
3. Ependymal cells
4. Oligodendrocytes

**Options :**

71087015501. 1

71087015502. 2

71087015503. 3

71087015504. 4

**Question Number : 97 Question Id : 7108703877 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Angioblasts first appear in

1. Yolk sac
2. Allantois
3. Chorion
4. Amnion

**Options :**

71087015505. 1

71087015506. 2

71087015507. 3

71087015508. 4

**Question Number : 98 Question Id : 7108703878 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Based on distribution of chorionic villi, the placenta of a bitch is classified as

1. Discoid
2. Zonary
3. Cotyledonary
4. Diffused

**Options :**

71087015509. 1  
71087015510. 2  
71087015511. 3  
71087015512. 4

**Question Number : 99 Question Id : 7108703879 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Adrenal medulla is derived from

1. Neural crest cells
2. Neural ectoderm
3. Intermediate mesoderm
4. Surface ectoderm

**Options :**

71087015513. 1  
71087015514. 2  
71087015515. 3  
71087015516. 4

**Question Number : 100 Question Id : 7108703880 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**



Equal holoblastic cleavage takes place in

1. Isolecithal egg
2. Moderately telolecithal egg
3. Highly telolecithal egg
4. Centrolecithal egg

**Options :**

71087015517. 1

71087015518. 2

71087015519. 3

71087015520. 4

**Question Number : 101 Question Id : 7108703881 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

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

<b>List I</b>	<b>List II</b>
A. Ductus arteriosus	I. Ligamentum venosum
B. Umbilical vein	II. Fossa ovalis
C. Ductus venosus	III. Teres ligament of liver
D. Foramen ovale	IV. Ligamentum arteriosum

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

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

**Options :**

71087015521. 1

71087015522. 2

71087015523. 3

71087015524. 4

**Question Number : 102 Question Id : 7108703882 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

The strongest bone of shoulder girdle in fowl is

1. Scapula
2. Coracoid
3. Clavicle
4. Furcula

**Options :**

71087015525. 1  
71087015526. 2  
71087015527. 3  
71087015528. 4

**Question Number : 103 Question Id : 7108703883 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

The cartilagenous framework of the anterior larynx of fowl is formed by

- A. Arytenoid cartilages
- B. Cricoid cartilages
- C. Thyroid cartilages
- D. Epiglottic cartilages

Select the correct answer from the options given below:

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

**Options :**

- 71087015529. 1
- 71087015530. 2
- 71087015531. 3
- 71087015532. 4

**Question Number : 104 Question Id : 7108703884 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Select the statement(s) which is/are NOT true for fowl

- A. The sternum is large and modified into keel bone.
- B. The diaphragm is complete and separates the abdominal and thoracic cavity.
- C. Two blind caeca are present.
- D. Gizzard, the glandular stomach, is present on the right side of the median plane.
- E. The bones of forelimb are modified into wings.

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

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

**Options :**

- 71087015533. 1
- 71087015534. 2
- 71087015535. 3
- 71087015536. 4

**Question Number : 105 Question Id : 7108703885 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Scanning electron microscopy is helpful to

- 1. See the surface texture of a sample.
- 2. See the inside of a sample.
- 3. See the atoms of a sample.
- 4. See the electrons of a sample.

**Options :**

71087015537. 1  
71087015538. 2  
71087015539. 3  
71087015540. 4

**Question Number : 106 Question Id : 7108703886 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Image formation in an electron microscope is based on

1. Column length
2. Electron number
3. Differential scattering
4. Specimen size

**Options :**

71087015541. 1  
71087015542. 2  
71087015543. 3  
71087015544. 4

**Question Number : 107 Question Id : 7108703887 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Acetylcholinesterase is richly found in

1. Nervous tissue
2. Blood cells
3. Epithelial tissue
4. Cartilages

**Options :**

71087015545. 1  
71087015546. 2

71087015547. 3

71087015548. 4

**Question Number : 108 Question Id : 7108703888 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Pain receptors are present in the skin as

1. Naked nerve endings
2. Ruffini corpuscles
3. Pacinian corpuscles
4. Tactile disc

**Options :**

71087015549. 1

71087015550. 2

71087015551. 3

71087015552. 4

**Question Number : 109 Question Id : 7108703889 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Descent of testes from the abdominal cavity to scrotum may fail due to

1. Mechanical obstruction
2. Hormone deficiency
3. Developmental anomalies
4. All of these

**Options :**

71087015553. 1

71087015554. 2

71087015555. 3

71087015556. 4

**Question Number : 110 Question Id : 7108703890 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Malformations are more frequent in identical twins than in ordinary individuals. One member of a pair frequently succumbs before birth; in this instance, it may get macerate, compressed or mummified

**Statement II:** Except under controlled experimental conditions, it is difficult or impossible to identify the exact cause which leads to malformations

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

**Options :**

71087015557. 1

71087015558. 2

71087015559. 3

71087015560. 4

**Question Number : 111 Question Id : 7108703891 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Biomechanics deals with

1. Forces and acceleration only
2. Forces and pressure only
3. Forces and equilibrium only
4. Forces, acceleration and pressure

**Options :**

71087015561. 1

71087015562. 2

71087015563. 3

71087015564. 4

**Question Number : 112 Question Id : 7108703892 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The caecum ends into a blind-ended tube called vermiform appendix in

1. Horse
2. Dog
3. Rabbit
4. Cat

**Options :**

71087015565. 1

71087015566. 2

71087015567. 3

71087015568. 4

**Question Number : 113 Question Id : 7108703893 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**



Given below are two statements

**Statement I:** The cerebellum is composed of grey and white matters. White matter is spread over the surface as the cortex and grey matter forms the large inner mass

**Statement II:** The body of cerebellum is divided by two longitudinal fissures into a middle and two lateral lobes. The middle lobe is called the vermis

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 correct but Statement II is false
4. Statement I is incorrect but Statement II is true

**Options :**

71087015569. 1

71087015570. 2

71087015571. 3

71087015572. 4

**Question Number : 114 Question Id : 7108703894 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The fourth ventricle communicates with third ventricle through

1. Interventricular foramen
2. Cerebral aqueduct
3. Foramen ovale
4. Foramen rotundum

**Options :**

71087015573. 1

71087015574. 2

71087015575. 3

71087015576. 4

**Question Number : 115 Question Id : 7108703895 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

The gall bladder is absent in

1. Rabbit
2. Guinea pig
3. Rat
4. Mouse

**Options :**

71087015577. 1

71087015578. 2

71087015579. 3

71087015580. 4

**Question Number : 116 Question Id : 7108703896 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Chromophobes and chromophil cells are found in

1. Pituitary gland
2. Pineal gland
3. Thyroid gland
4. Adrenal gland

**Options :**

71087015581. 1

71087015582. 2

71087015583. 3

71087015584. 4

**Question Number : 117 Question Id : 7108703897 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Testosterone is produced by

1. Sertoli cells
2. Leydig cells
3. Clear cells
4. Spermatogenic cells

**Options :**

71087015585. 1  
71087015586. 2  
71087015587. 3  
71087015588. 4

**Question Number : 118 Question Id : 7108703898 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

For the correction of upward fixation of the patella, the ligament which is cut is

1. Middle patellar ligament only
2. Medial patellar ligament only
3. Lateral patellar ligament only
4. Any of these

**Options :**

71087015589. 1  
71087015590. 2  
71087015591. 3  
71087015592. 4

**Question Number : 119 Question Id : 7108703899 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is**

**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

In a horse, the stomach tube can't be passed through the mouth cavity because

1. Mouth cavity is longer
2. Upper and lower incisors are present
3. Torus lingue is absent
4. Soft palate is long

**Options :**

71087015593. 1

71087015594. 2

71087015595. 3

71087015596. 4

**Question Number : 120 Question Id : 7108703900 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is**

**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 4 Wrong Marks : 1**

Identify the bone if its proximal extremity consists of head, two tuberosities and a bicipital groove

1. Femur
2. Tibia
3. Radius
4. Humerus

**Options :**

71087015597. 1

71087015598. 2

71087015599. 3

71087015600. 4