

# ICAR JRF VETERINARY SCIENCE

## Paper - 2021



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## VETERINARY SCIENCE

**Group Number :** 1  
**Group Id :** 19088973  
**Group Maximum Duration :** 0  
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## VETERINARY SCIENCE -1

**Section Id :** 190889147  
**Section Number :** 1  
**Section type :** Online  
**Mandatory or Optional :** Mandatory

<b>Number of Questions :</b>	120
<b>Number of Questions to be attempted :</b>	120
<b>Section Marks :</b>	480
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	190889187
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 1908898062 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1**

Which artery does NOT take part in the formation of rete mirabile cerebri?

1. Internal maxillary artery
2. External maxillary artery
3. Vertebral artery
4. Condylod artery

**Options :**

19088932141. 1

19088932142. 2

19088932143. 3

19088932144. 4

**Question Number : 2 Question Id : 1908898063 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1**

The tapetum lucidum is present in which part of the eye?

1. Choroid
2. Sclera
3. Cornea
4. Iris

**Options :**

19088932145. 1

19088932146. 2

19088932147. 3

19088932148. 4

**Question Number : 3 Question Id : 1908898064 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

In the process of spermatogenesis, the second meiotic division forms

1. Spermatogonia
2. Primary spermatocyte
3. Secondary spermatocyte
4. Spermatids

**Options :**

19088932149. 1

19088932150. 2

19088932151. 3

19088932152. 4

**Question Number : 4 Question Id : 1908898065 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Anterior segment of the hepatic diverticulum gives rise to

1. Cystic duct
2. Gall bladder
3. Glandular tissue of liver
4. Pancreas

**Options :**

19088932153. 1

19088932154. 2

19088932155. 3

19088932156. 4

**Question Number : 5 Question Id : 1908898066 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Rotation, herniation, coiling, and placement are observed in the development of

1. Intestine
2. Stomach
3. Pharynx
4. Liver

**Options :**

19088932157. 1

19088932158. 2

19088932159. 3

19088932160. 4

**Question Number : 6 Question Id : 1908898067 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Mesonephros a temporary excretory organ in higher vertebrates is also referred as

1. Wolffian duct
2. Mamillary body
3. Genuiculate body
4. Mullerian body

**Options :**

19088932161. 1

19088932162. 2

19088932163. 3

19088932164. 4

**Question Number : 7 Question Id : 1908898068 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which eye-ball muscles are innervated by abducent nerve?

1. Ventral rectus and medial rectus
2. Lateral rectus and retractor oculi
3. Retractor oculi and dorsal rectus
4. Dorsal oblique and ventral oblique

**Options :**

19088932165. 1

19088932166. 2

19088932167. 3

19088932168. 4

**Question Number : 8 Question Id : 1908898069 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

A fold of peritoneum which attaches the intestine to dorsal wall of the abdomen is called

1. Omentum
2. Ligament
3. Mesentry
4. Mesorectum

**Options :**

19088932169. 1

19088932170. 2

19088932171. 3

19088932172. 4

**Question Number : 9 Question Id : 1908898070 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Among the four divisions of the stomach in ruminants, the most anterior and the smallest part which lies opposite to the 6th, 7th and 8th rib is

1. Rumen
2. Reticulum
3. Omasum
4. Abomasum

**Options :**

19088932173. 1

19088932174. 2

19088932175. 3

19088932176. 4

**Question Number : 10 Question Id : 1908898071 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

**Match List I with List II**

List I	List II
A. Trachea	I. Transitional epithelium
B. Urinary bladder	II. Stratified non keratinized squamous epithelium
C. Tongue	III. Pseudostratified columnar ciliated epithelium
D. Gall bladder	IV. Simple columnar epithelium

Choose the correct answer from the options given below:

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

**Options :**

19088932177. 1

19088932178. 2

19088932179. 3

19088932180. 4

Question Number : 11 Question Id : 1908898072 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Hassall's corpuscles	I. Spleen
B. White pulp	II. Pineal gland
C. Corpora amylacea	III. Thymus
D. Corpora arenacea	IV. Prostate gland

Choose the correct answer from the options given below:

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

Options :

19088932181. 1

19088932182. 2

19088932183. 3

19088932184. 4

Question Number : 12 Question Id : 1908898073 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1



Match List I with List II

List I	List II
A. Saccus caecus	I. Fowl
B. Lyssa	II. Cow
C. Gizzard	III. Horse
D. Suburethral diverticulum	IV. Dog

Choose the correct answer from the options given below:

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

Options :

19088932185. 1

19088932186. 2

19088932187. 3

19088932188. 4

Question Number : 13 Question Id : 1908898074 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Carpo-metacarpal joint	I. Enarthrosis
B. Atlanto-occipital joint	II. Trochoid
C. Atlanto-axial joint	III. Arthrodia
D. Shoulder joint	IV. Ginglymus

Choose the correct answer from the options given below:

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

Options :

19088932189. 1

19088932190. 2

19088932191. 3

19088932192. 4

**Question Number : 14 Question Id : 1908898075 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following are the characteristics of the tongue of a horse?

- A. Tip of the tongue is spatula-shaped
- B. 8 to 17 vallate papillae are present on either side of the caudal aspect of the tongue
- C. The foliate papillae are situated just in front of the anterior pillar of the soft palate
- D. Filiform papillae are fine thread-like projections present on the dorsum of the tongue
- E. Large blunt lenticular papillae are present on the dorsum of the tongue

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

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

**Options :**

19088932193. 1

19088932194. 2

19088932195. 3

19088932196. 4

**Question Number : 15 Question Id : 1908898076 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

The structures present in the seminiferous tubule of testis are:

A. Spermatogonial cells

B. Spermatids

C. Spermatozoa

D. Leydig cells

E. Sertoli cells

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

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

**Options :**

19088932197. 1

19088932198. 2

19088932199. 3

19088932200. 4

**Question Number : 16 Question Id : 1908898077 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

The placenta of bitch is classified as

- A. Zonary
- B. Deciduate
- C. Villous
- D. Endotheliochorial
- E. Discoidal

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

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

**Options :**

19088932201. 1

19088932202. 2

19088932203. 3

19088932204. 4

**Question Number : 17 Question Id : 1908898078 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Vascular tunics of eye ball is comprised of

- A. Choroid
- B. Ciliary body
- C. Iris
- D. Retina

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

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

**Options :**

19088932205. 1

19088932206. 2

19088932207. 3

19088932208. 4

**Question Number : 18 Question Id : 1908898079 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Arrange intra-abdominal branches of the aorta in bull in the correct sequence.

- A. Celiac artery
- B. Anterior mesenteric artery
- C. Spermatic artery
- D. Renal artery
- E. 5 pairs of lumbar arteries

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

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

**Options :**

- 19088932209. 1
- 19088932210. 2
- 19088932211. 3
- 19088932212. 4

**Question Number : 19 Question Id : 1908898080 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

**Assertion A :** In case of tympany in cattle the site of trocarisation is left flank.

**Reason R :** The rumen is situated in the left half of the abdominal cavity and extends from the pelvic brim caudally to the 7<sup>th</sup>/8<sup>th</sup> rib cranially behind the diaphragm.

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

**Options :**

19088932213. 1

19088932214. 2

19088932215. 3

19088932216. 4

**Question Number : 20 Question Id : 1908898081 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

**Assertion A :** Among the basic tissues of body only the connective tissue is found in the form of fluid, gel, flexible hard and inflexible hard forms.

**Reason R :** The connective tissue constitutes the maximum volume of the body and exist in the form of blood tissue, adipose tissue, cartilages and bones.

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

**Options :**

19088932217. 1

19088932218. 2

19088932219. 3

19088932220. 4

**Question Number : 21 Question Id : 1908898082 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Thickening of Stratum corneum is known as

1. Hyperkeratosis
2. Parakeratosis
3. Acanthosis
4. Pachyderma

**Options :**

19088932221. 1

19088932222. 2

19088932223. 3

19088932224. 4

**Question Number : 22 Question Id : 1908898083 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Haemorrhage in the brain is also known as

1. Ecchymosis
2. Haematosalpinx
3. Haemopericardia
4. Apoplexy

**Options :**

19088932225. 1

19088932226. 2

19088932227. 3

19088932228. 4

**Question Number : 23 Question Id : 1908898084 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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



Who among the following is father of cellular pathology?

1. Robert Koch
2. Rudolf Virchow
3. John Hunter
4. Elie Metchnikoff

**Options :**

19088932229. 1

19088932230. 2

19088932231. 3

19088932232. 4

**Question Number : 24 Question Id : 1908898085 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following is NOT categorized as a cell wall deficient bacteria?

1. *Mycoplasma*
2. Protoplast
3. Sphaeroplast
4. *Archaeobacteria*

**Options :**

19088932233. 1

19088932234. 2

19088932235. 3

19088932236. 4

**Question Number : 25 Question Id : 1908898086 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following test is NOT used for testing the efficacy of disinfectant?

1. Phenol Coefficient
2. Ridel Walker test
3. E-Test
4. Chick Martin test

**Options :**

19088932237. 1

19088932238. 2

19088932239. 3

19088932240. 4

**Question Number : 26 Question Id : 1908898087 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Fungal dimorphism is exhibited by

1. *Candida albicans*
2. *Cryptococcus neoformans*
3. *Malassezia pachydermatis*
4. *Trichophyton verrucosum*

**Options :**

19088932241. 1

19088932242. 2

19088932243. 3

19088932244. 4

**Question Number : 27 Question Id : 1908898088 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Which of the following is known as T-mycoplasma?

1. Mycoplasma
2. Ureaplasma
3. Acholeplasma
4. L-form

**Options :**

19088932245. 1

19088932246. 2

19088932247. 3

19088932248. 4

**Question Number : 28 Question Id : 1908898089 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Who first observed that FMD is caused by a filterable virus?

1. Beijerinck
2. Walter and Reed
3. Loeffler and Frosch
4. Edward Jenner

**Options :**

19088932249. 1

19088932250. 2

19088932251. 3

19088932252. 4

**Question Number : 29 Question Id : 1908898090 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Which of the following disease is NOT caused by Coronaviridae?

1. Transmissible gastroenteritis in pigs
2. Porcine epidemic diarrhea
3. Infectious bronchitis disease in poultry
4. Porcine respiratory and reproductive syndrome

**Options :**

19088932253. 1

19088932254. 2

19088932255. 3

19088932256. 4

**Question Number : 30 Question Id : 1908898091 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which serotype of FMD virus is NOT common in India?

1. O
2. A
3. SAT-1
4. C

**Options :**

19088932257. 1

19088932258. 2

19088932259. 3

19088932260. 4

**Question Number : 31 Question Id : 1908898092 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following is an example of Heterophile antigen?

1. Forsmann antigen
2. Isoantigen
3. LPS
4. Hapten

**Options :**

19088932261. 1

19088932262. 2

19088932263. 3

19088932264. 4

**Question Number : 32 Question Id : 1908898093 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Half life of IgG is usually

1. 6 days
2. 23 days
3. 5 days
4. 2 days

**Options :**

19088932265. 1

19088932266. 2

19088932267. 3

19088932268. 4

**Question Number : 33 Question Id : 1908898094 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Which of the following statement is true about Retroviridae?

- A. SS RNA
- B. Diploid genome
- C. RNA dependant RNA polymerase
- D. Both horizontal and vertical transmission

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 only
- 4. D only

**Options :**

19088932269. 1

19088932270. 2

19088932271. 3

19088932272. 4

**Question Number : 34 Question Id : 1908898095 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following is true about Rhabdoviruses ?

- A. Belongs to Mononegavirales
- B. G protein is immunogenic protein
- C. Bullet or Cone shaped virus
- D. Non enveloped DNA virus

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

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

**Options :**

19088932273. 1

19088932274. 2

19088932275. 3

19088932276. 4

**Question Number : 35 Question Id : 1908898096 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following is true about Cytokines?

- A. Intracellular messenger which regulate immune response
- B. They are active even at femtomolar concentration
- C. They are pleotropic
- D. They have only paracrine effect

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

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

**Options :**

19088932277. 1

19088932278. 2

19088932279. 3

19088932280. 4

**Question Number : 36 Question Id : 1908898097 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following statement is true about Malignant tumor?

- A. Rapid growth
- B. Do not metastasize
- C. Recurrence not common
- D. Cytoplasm: Nucleus ratio decreases

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

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

**Options :**

19088932281. 1

19088932282. 2

19088932283. 3

19088932284. 4

**Question Number : 37 Question Id : 1908898098 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following statement is true about *Candida albicans*?

- A. Germtube formation
- B. Pseudohyphae
- C. Grow at 25°C
- D. Only sexual reproduction

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

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

**Options :**



19088932285. 1

19088932286. 2

19088932287. 3

19088932288. 4

**Question Number : 38 Question Id : 1908898099 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

**Match List I with List II**

List I	List II
<b>Inflammation affected organs</b>	<b>Terms used for inflammation</b>
A. Gall bladder	I. Ingluvitis
B. Palate	II. Cholecystitis
C. Lips	III. Lampas
D. Crops	IV. Cheilitis

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

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

**Options :**

19088932289. 1

19088932290. 2

19088932291. 3

19088932292. 4

**Question Number : 39 Question Id : 1908898100 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Match List I with List II

List I	List II
Stain/ Staining Technique	Use for staining of
A. Periodic acid Schiff (PAS)	I. Mast Cell granules
B. Congo red	II. Iron deposit
C. Prussian Blue	III. Amyloid
D. Toluidine Blue	IV. Glycogen

Choose the correct answer from the options given below:

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

Options :

19088932293. 1

19088932294. 2

19088932295. 3

19088932296. 4

Question Number : 40 Question Id : 1908898101 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
Structural Component	Name of microorganism
A. Mycolic Acid	I. <i>Aspergillus flavus</i>
B. Chitin	II. <i>Mycobacterium bovis</i>
C. Poly Glutamic Acid	III. <i>Eshcherichia coli</i>
D. LPS	IV. <i>Bacillus anthracis</i>

Choose the correct answer from the options given below:

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

Options :

19088932297. 1

19088932298. 2

19088932299. 3

19088932300. 4

**Question Number : 41 Question Id : 1908898102 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

**Match List I with List II**

List I	List II
Animal Diseases	Vaccine strain
A. Bovine brucellosis	I. BCG Strain
B. Anthrax	II.R2B strain
C. Tuberculosis	III. Sterne Strain
D. NCD	IV. <i>Brucella abortus</i> S19

Choose the correct answer from the options given below:

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

**Options :**

19088932301. 1

19088932302. 2

19088932303. 3

19088932304. 4

**Question Number : 42 Question Id : 1908898103 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Match List I with List II

List I	List II
Stain/ Staining Technique	Used for bacteria
A. Machiavello staining	I. <i>Mycobacterium bovis</i>
B. Acid fast staining	II. <i>Corynebactrium diptheriae</i>
C. Dien's staining	III. <i>Chlamydia spp</i>
D. Albert's Staining	IV. <i>Mycoplasma spp</i>

Choose the correct answer from the options given below:

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

Options :

19088932305. 1

19088932306. 2

19088932307. 3

19088932308. 4

Question Number : 43 Question Id : 1908898104 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
Name of the test/Antigen	Name of the disease
A. Coggin's test	I. Avian Leukosis
B. Wheel barrow test	II. MD
C. MATSA	III. Jaagsiekte
D. COFAL TEST	IV. EIA

Choose the correct answer from the options given below:

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

**Options :**

19088932309. 1

19088932310. 2

19088932311. 3

19088932312. 4

**Question Number : 44 Question Id : 1908898105 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

**Assertion A:** In Anthrax, clot formation does not take place

**Reason R:** Fibrinolysin produced by bacteria liquefies fibrin

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

1. Both **A** and **R** are correct and **R** is the correct explanation of **A**
2. Both **A** and **R** are correct but **R** is NOT the correct explanation of **A**
3. **A** is correct but **R** is not correct
4. **A** is not correct but **R** is correct

**Options :**

19088932313. 1

19088932314. 2

19088932315. 3

19088932316. 4

**Question Number : 45 Question Id : 1908898106 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

**Assertion A** : Schilling Index helps in determining the immature form of neutrophils in blood

**Reason R** : Increase in number of mature cell is known as 'Shift to Left'

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

**Options :**

19088932317. 1

19088932318. 2

19088932319. 3

19088932320. 4

**Question Number : 46 Question Id : 1908898107 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

**Assertion A** : *Ascaris lumbricoides* in swine causes obstructive jaundice

**Reason R** : Hemobilirubin is not converted into cholebilirubin

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

**Options :**

19088932321. 1

19088932322. 2

19088932323. 3

19088932324. 4

**Question Number : 47 Question Id : 1908898108 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Given below are two statements

**Statement I:** Virus contains only one type of nucleic acid, either DNA or RNA

**Statement II:** Virus can replicate on inert media

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

19088932325. 1

19088932326. 2

19088932327. 3

19088932328. 4

**Question Number : 48 Question Id : 1908898109 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Given below are two statements

**Statement I:** The genome of vertebrate virus is generally diploid

**Statement II:** Icosahedron has 20 faces, 30 edges, 12 vertices

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

19088932329. 1

19088932330. 2

19088932331. 3

19088932332. 4

**Question Number : 49 Question Id : 1908898110 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

**Assertion A** : Birds bursectomized on 18-20 days synthesize IgM only

**Reason R** : Competence for IgM production is acquired early on day 14 of embryonation

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

**Options :**

19088932333. 1

19088932334. 2

19088932335. 3

19088932336. 4

**Question Number : 50 Question Id : 1908898111 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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



Given below are two statements

**Statement I:** Virulent phages are having lytic life cycle

**Statement II:** In the temperate phages, phage DNA is integrated with host genome

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

19088932337. 1

19088932338. 2

19088932339. 3

19088932340. 4

**Question Number : 51 Question Id : 1908898112 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Which of the following pathological conditions are observed in acute fasciolosis?

- A. Haemorrhagic tracts on the liver surface
- B. Hepatomegaly
- C. Traumatic hepatitis
- D. Hepatic fibrosis

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

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

**Options :**

19088932341. 1

19088932342. 2

19088932343. 3

**Question Number : 52 Question Id : 1908898113 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Immediate evisceration of captured fish and cooking or freezing fish product prior to consumption is recommended for prevention of which zoonotic parasitic disease?

1. *Opisthorchis viverrini*
2. *Chlonorchis sinensis*
3. *Anisakis simplex*
4. *Diphyllobothrium latum*

**Options :**

19088932345. 1

19088932346. 2

19088932347. 3

19088932348. 4

**Question Number : 53 Question Id : 1908898114 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

**Match List I with List II**

List I	List II
<b>Metacestode stage</b>	<b>Site of Prediliction</b>
A. <i>Cysticercus bovis</i>	I. Peritoneum
B. <i>Cysticercus tenuicollis</i>	II. Central Nervous System
C. <i>Coenurus serialis</i>	III. Muscle
D. <i>Coenurus cerebralis</i>	IV. Connective tissue

Choose the correct answer from the options given below:

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

**Options :**

19088932349. 1

19088932350. 2

19088932351. 3

19088932352. 4

**Question Number : 54 Question Id : 1908898115 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following metacestode gives rise to a maximum number of tapeworms when ingested by the definitive host?

1. Coenurus
2. Cysticercus
3. Plerocercoid
4. Hydatid

**Options :**

19088932353. 1

19088932354. 2

19088932355. 3

19088932356. 4

**Question Number : 55 Question Id : 1908898116 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Given below are two statements

**Statement I:** Periparturient rise (PPR) in faecal strongyle egg counts results due to temporary relaxation in immunity of sheep.

**Statement II:** PPR is important as it occurs at a time when the numbers of new susceptible hosts are increasing and so it ensures the survival and propagation of the worm species.

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

19088932357. 1

19088932358. 2

19088932359. 3

19088932360. 4

**Question Number : 56 Question Id : 1908898117 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following conditions are associated with *Spirocerca lupi* infection in dogs?

- A. Stenosis due to scarring of the internal wall of aorta
- B. Oesophageal granuloma
- C. Spondylosis of the thoracic vertebrae
- D. Invasion of larvae in the eye leading to nodular thickenings and ulceration

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

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

**Options :**

19088932361. 1

19088932362. 2

19088932363. 3

19088932364. 4

**Question Number : 57 Question Id : 1908898118 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Match List I with List II

List I	List II
Vector	Parasite/ Disease
A. <i>Phlebotomus papatasi</i>	I. Surra
B. <i>Musca domestica</i>	II. <i>Habronema muscae</i>
C. <i>Anopheles</i> spp.	III. Delhi boil
D. <i>Tabanus</i> spp.	IV. <i>Dirofilaria immitis</i>

Choose the correct answer from the options given below:

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

**Options :**

19088932365. 1

19088932366. 2

19088932367. 3

19088932368. 4

**Question Number : 58 Question Id : 1908898119 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Which of the following anthelmintics belongs to the group- Imidazothiazoles?

1. Nitroxynil
2. Haloxon
3. Thiabendazole
4. Tetramisole

**Options :**

19088932369. 1

19088932370. 2

19088932371. 3

19088932372. 4

**Question Number : 59 Question Id : 1908898120 Question Type : MCQ Option Shuffling : No Is**

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**Question Mandatory : No**

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

Which one of the following is normally NOT transmitted by ticks?

1. *Ehrlichia canis*
2. *Babesia canis*
3. *Trypanosoma brucei*
4. *Theileria annulata*

**Options :**

19088932373. 1

19088932374. 2

19088932375. 3

19088932376. 4

**Question Number : 60 Question Id : 1908898121 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

*Dermanyssus gallinae*, an ectoparasite of poultry, causes

1. Cerebral lesion in poultry birds
2. Skin lesion in poultry shed workers
3. Respiratory problem in poultry shed workers
4. Egg drop syndrome

**Options :**

19088932377. 1

19088932378. 2

19088932379. 3

19088932380. 4

**Question Number : 61 Question Id : 1908898122 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Which of the following protozoa has a cystic stage in its life-cycle?

1. *Trichomonas foetus*
2. *Histomonas meleagridis*
3. *Tetratrichomonas gallinarum*
4. *Giardia intestinalis*

**Options :**

19088932381. 1

19088932382. 2

19088932383. 3

19088932384. 4

**Question Number : 62 Question Id : 1908898123 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Given below are two statements

**Statement I:** Anaemia in case of trypanosomosis mainly occurs as a result of destruction of RBCs due to lashing movement of trypanosomes only.

**Statement II:** Immunosuppression in trypanosomosis may be due to Polyclonal B-cell activation and mitogenic effect on host cell by trypanosomes.

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

19088932385. 1

19088932386. 2

19088932387. 3

19088932388. 4

**Question Number : 63 Question Id : 1908898124 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

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Bulls infected with *Tritrichomonas foetus* are difficult to cure because

- A. The parasite has become resistant to most of the drugs
- B. There is frequent localization of parasite in testis and epididymis
- C. The parasite localizes in prepuce folds where the drug cannot reach easily
- D. The drugs used may result in tissue damage

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

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

**Options :**

19088932389. 1

19088932390. 2

19088932391. 3

19088932392. 4

**Question Number : 64 Question Id : 1908898125 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

**Match List I with List II**

List I	List II
Disease	Drug
A. Coccidiosis	I. Pentavalent antimony compounds
B. Babesiosis	II. Imidocarb
C. Leishmaniosis	III. Metronidazole
D. Amoebosis	IV. Toltrazuril

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

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

**Options :**



19088932393. 1

19088932394. 2

19088932395. 3

19088932396. 4

**Question Number : 65 Question Id : 1908898126 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following is NOT true for precocious line of *Eimeria*?

1. It can revert to parent strain
2. It s highly immunogenic
3. Schizogony is skipped by precocious line
4. It is an early producer of oocysts

**Options :**

19088932397. 1

19088932398. 2

19088932399. 3

19088932400. 4

**Question Number : 66 Question Id : 1908898127 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Match List I with List II

List I	List II
A. TORCH test	I. Tuberculosis
B. Hanger Rose Skin Test	II. Cat scratch disease
C. Guillain-Barré syndrome	III. Toxoplasmosis
D. Scrofula	IV. <i>Campylobacter</i> spp.

Choose the correct answer from the options given below:

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

Options :

19088932401. 1

19088932402. 2

19088932403. 3

19088932404. 4

Question Number : 67 Question Id : 1908898128 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following are milk-borne zoonotic diseases?

- A. Diphtheria
- B. Malta Fever
- C. Hay fever
- D. Tuberculosis

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

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

Options :

19088932405. 1

19088932406. 2

19088932407. 3

19088932408. 4

**Question Number : 68 Question Id : 1908898129 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Trichinellosis is usually transmitted to human by consumption of:

1. Pork
2. Mutton
3. Beef
4. Chevon

**Options :**

19088932409. 1

19088932410. 2

19088932411. 3

19088932412. 4

**Question Number : 69 Question Id : 1908898130 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Given below are two statements

**Statement I:** Tuberculosis caused by *Mycobacterium bovis* is easily distinguishable from that caused by *M. tuberculosis*

**Statement II:** In developing countries, animal tuberculosis caused by *M. tuberculosis* is widely distributed because control measures are rarely applied and pasteurization of milk is rarely done.

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

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19088932413. 1

19088932414. 2

19088932415. 3

19088932416. 4

**Question Number : 70 Question Id : 1908898131 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

To capture wild elephant the commonly used anesthetic is:

1. Xylazine
2. Etorphine
3. Medazolam
4. Morphin

**Options :**

19088932417. 1

19088932418. 2

19088932419. 3

19088932420. 4

**Question Number : 71 Question Id : 1908898132 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

'Cud dropping' condition may be found in cattle in:

1. Pharyngeal paralysis
2. Esophageal obstruction
3. Pharyngitis
4. Fever

**Options :**

19088932421. 1

19088932422. 2

19088932423. 3

19088932424. 4

**Question Number : 72 Question Id : 1908898133 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Given below are two statements

**Statement I:** Bilateral cryptorchid males show more or less normal sexual desire but are sterile

**Statement II:** Cryptorchid male can be used for breeding purposes

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

19088932425. 1

19088932426. 2

19088932427. 3

19088932428. 4

**Question Number : 73 Question Id : 1908898134 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Match List I with List II

List I	List II
A. Wry neck	I. Sebaceous-like secretion
B. Rotation	II. Commonest cause of dystocia in buffalo
C. Waxing	III. Lateral deviation of neck
D. Uterine Torsion	IV. Position

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

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

**Options :**

19088932429. 1

19088932430. 2

19088932431. 3

19088932432. 4

**Question Number : 74 Question Id : 1908898135 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

The typical sign of gastric ulcer in foals is

1. Teeth grinding
2. Abdominal pain
3. Salivation
4. Anorexia

**Options :**

19088932433. 1

19088932434. 2

19088932435. 3

19088932436. 4

**Question Number : 75 Question Id : 1908898136 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Secondary ruminal tympany is seen in

1. Esophageal obstruction
2. Consumption of excess leguminous forage
3. Consumption of excess grain diet
4. Intestinal obstruction

**Options :**

19088932437. 1

19088932438. 2

19088932439. 3

19088932440. 4

**Question Number : 76 Question Id : 1908898137 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following hematology changes is seen in acute diffuse peritonitis with toxemia?

1. Regenerative left shift
2. Degenerative left shift
3. Regenerative right shift
4. Degenerative right shift

**Options :**

19088932441. 1

19088932442. 2

19088932443. 3

19088932444. 4

**Question Number : 77 Question Id : 1908898138 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

“Linear haemorrhages between proventricular glands” is the diagnostic significance of which of the poultry diseases?

1. Newcastle disease
2. Infectious bursal disease
3. Avian spirochetosis
4. Aflatoxicosis

**Options :**

19088932445. 1

19088932446. 2

19088932447. 3

19088932448. 4

**Question Number : 78 Question Id : 1908898139 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

The occurrence of hip lameness and fracture of third phalanx are thought to be the diagnostic of poisoning due to

1. Fluoride
2. Mercury
3. Lead
4. Arsenic

**Options :**

19088932449. 1

19088932450. 2

19088932451. 3

19088932452. 4

**Question Number : 79 Question Id : 1908898140 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Parakeratosis , a skin condition characterized by incomplete keratinization of the epithelial cells, is caused by the dietary deficiency of

1. Copper
2. Zinc
3. Iron
4. Cobalt

**Options :**

19088932453. 1

19088932454. 2

19088932455. 3

19088932456. 4

**Question Number : 80 Question Id : 1908898141 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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



Which of the following cardiac diseases is more frequent in canine?

1. Tricuspid valve insufficiency
2. Aortic insufficiency
3. Bicuspid valve insufficiency
4. Tetralogy of fallot

**Options :**

19088932457. 1

19088932458. 2

19088932459. 3

19088932460. 4

**Question Number : 81 Question Id : 1908898142 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

The preferred treatment of sarcoptic mange is

1. Amitraz
2. Ivermectin
3. Cypermethrin
4. Organophosphorus compound

**Options :**

19088932461. 1

19088932462. 2

19088932463. 3

19088932464. 4

**Question Number : 82 Question Id : 1908898143 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Most preferable antidote of lead poisoning is

1. Atropine sulfate
2. Calcium versenate
3. Dimercaptopropanol
4. Activated charcoal

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**Options :**

19088932465. 1

19088932466. 2

19088932467. 3

19088932468. 4

**Question Number : 83 Question Id : 1908898144 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Secretion of which gland flushes the urethra before ejaculation?

1. Bulbo urethral gland
2. Cowper's gland
3. Ampulla
4. Prostate gland

**Options :**

19088932469. 1

19088932470. 2

19088932471. 3

19088932472. 4

**Question Number : 84 Question Id : 1908898145 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Permissible limit of head abnormality in semen sample is

1. 3 to 5%
2. 1 to 2%
3. 8 to 10%
4. Up to 15%

**Options :**

19088932473. 1

19088932474. 2

19088932475. 3

19088932476. 4

**Question Number : 85 Question Id : 1908898146 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Given below are two statements

**Statement I:** Both Wolffian and Mullerian ducts are present in the sexually undifferentiated embryo.

**Statement II:** Müllerian ducts develop to form the fallopian tubes, uterus, cervix, and the upper two-thirds of the vagina.

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

19088932477. 1

19088932478. 2

19088932479. 3

19088932480. 4

**Question Number : 86 Question Id : 1908898147 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Shape of ovaries in swine is

1. Almond shape
2. Egg shape
3. Bean shape
4. like cluster of grapes

**Options :**

19088932481. 1

19088932482. 2

19088932483. 3

19088932484. 4

**Question Number : 87 Question Id : 1908898148 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Corpus luteum of pregnancy is known as

1. Corpus luteum spurium
2. Corpus luteum vernum
3. Corpus luteum
4. Corpus luteum vernum spurium

**Options :**

19088932485. 1

19088932486. 2

19088932487. 3

19088932488. 4

**Question Number : 88 Question Id : 1908898149 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Match List I with List II

List I	List II
A. Dog sitting posture	I. Second stage of labor
B. Breech presentation	II. Commonest dystocia in ewe
C. Ring womb	III. Hip-flexion posture
D. Ferguson's reflex	IV. Ventro-vertical presentation

Choose the correct answer from the options given below:

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

**Options :**

19088932489. 1

19088932490. 2

19088932491. 3

19088932492. 4

**Question Number : 89 Question Id : 1908898150 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

**Match List I with List II**

List I	List II
<b>Animal</b>	<b>Length of oestrus cycle</b>
A. Ewe	I. 4 days
B. Cow	II. 20-24 days
C. Mare	III. 20-21 days
D. Rats	IV. 16-17 Days

Choose the correct answer from the options given below:

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

**Options :**

19088932493. 1

19088932494. 2

19088932495. 3

19088932496. 4

**Question Number : 90 Question Id : 1908898151 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Time of ovulation in cow is:

1. 30-36 hours from beginning of estrus
2. 30-45 hours from beginning of estrus
3. 10-11 hours after end of estrus
4. 1-2 days before end of estrus

**Options :**

19088932497. 1

19088932498. 2

19088932499. 3

19088932500. 4

**Question Number : 91 Question Id : 1908898152 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Given below are two statements

**Statement I:** When the animal is lying on its left side it is known as supine position.

**Statement II:** Dog is kept in supine position to take venro-dorsal radiograph of abdomen.

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

19088932501. 1

19088932502. 2

19088932503. 3

19088932504. 4

**Question Number : 92 Question Id : 1908898153 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Given below are two statements

**Statement I:** Dry heat destroys microbes primarily by oxidation process.

**Statement II:** Dry heat is used to sterilize oils, powders and sealed containers.

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

19088932505. 1

19088932506. 2

19088932507. 3

19088932508. 4

**Question Number : 93 Question Id : 1908898154 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Given below are two statements

**Statement I:** Auriculopalpebral nerve block is used to cause motor paralysis of eyelids.

**Statement II:** Pain sensations for eyelids are lost after auriculopalpebral nerve block.

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

19088932509. 1

19088932510. 2

19088932511. 3

19088932512. 4



**Question Number : 94 Question Id : 1908898155 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Given below are two statements

**Statement I:** The time required for the absorption of catgut depends primarily on the degree of chromicization.

**Statement II:** Catgut is used to perform cystorraphy in calves

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

19088932513. 1

19088932514. 2

19088932515. 3

19088932516. 4

**Question Number : 95 Question Id : 1908898156 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Which of the following are true about Hordeolum

- A. Distension of the tarsal gland with secretions
- B. Localized inflammation of hair follicles of eye lashes
- C. Contains cheesy material
- D. Caused due to staphylococcal infection

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

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

**Options :**

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19088932517. 1

19088932518. 2

19088932519. 3

19088932520. 4

**Question Number : 96 Question Id : 1908898157 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following are true about Bone spavin

- A. Varicose condition of the internal saphenous vein in hock region
- B. A typical osteoarthritis leading to unsoundness
- C. Exostosis in hock region at tibio- tarsal articulation
- D. Distension of joint capsule of tibio-tarsal articulation

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

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

**Options :**

19088932521. 1

19088932522. 2

19088932523. 3

19088932524. 4

**Question Number : 97 Question Id : 1908898158 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Electricity is converted into heat to incise a tissue in

1. Cryosurgery
2. Laser surgery
3. Electrosurgery
4. Electro acupuncture

**Options :**

19088932525. 1

19088932526. 2

19088932527. 3

19088932528. 4

**Question Number : 98 Question Id : 1908898159 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Axial rotation of mesentery and attached small intestine is termed as

1. Torsion
2. Volvulus
3. Intussusceptions
4. Telescoping

**Options :**

19088932529. 1

19088932530. 2

19088932531. 3

19088932532. 4

**Question Number : 99 Question Id : 1908898160 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

The contrast radiographic examination of tendons and associated structures is called:

1. Reticulography
2. Arthrography
3. Fasciagraphy
4. Cystography

**Options :**

19088932533. 1

19088932534. 2

19088932535. 3

19088932536. 4

**Question Number : 100 Question Id : 1908898161 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

**Match List I with List II**

List I	List II
A. Joseph Lister	I. Rubber Gloves
B. W S Halsted	II. Asepsis
C. W C Roentgen	III. Splints
D. Schroeder	IV. X-rays

Choose the correct answer from the options given below:

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

**Options :**

19088932537. 1

19088932538. 2

19088932539. 3

19088932540. 4

**Question Number : 101 Question Id : 1908898162 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

The use of mathematical models to quantitate the time course of drug absorption and disposition in man and animals is related with

1. Pharmacokinetics
2. Pharmacodynamics
3. Pharmacogenomics
4. Pharmacovigilance

**Options :**

19088932541. 1

19088932542. 2

19088932543. 3

19088932544. 4

**Question Number : 102 Question Id : 1908898163 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Trimethoprim–sulfonamides are formulated in a ratio of 1:5 (trimethoprim:sulfonamide). In the animal, it is usually cited that the optimum ratio to produce antibacterial activity is

1. 1:10
2. 1:15
3. 1:20
4. 1:12

**Options :**

19088932545. 1

19088932546. 2

19088932547. 3

19088932548. 4

**Question Number : 103 Question Id : 1908898164 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Resistance occurs in the bacterial organisms via

- A. Efflux pumps
- B. Failure to penetrate the organism
- C. Changes in target enzymes
- D. No change in target enzymes

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

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

**Options :**

19088932549. 1

19088932550. 2

19088932551. 3

19088932552. 4

**Question Number : 104 Question Id : 1908898165 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Crystalluria, hematuria, and renal tubule blockage in the glomerular filtrate of the kidney can occur owing to precipitation of the

- 1. Sulfonamide
- 2. Azithromycin
- 3. Amoxicillin
- 4. Ampicillin

**Options :**

19088932553. 1

19088932554. 2

19088932555. 3

19088932556. 4

**Question Number : 105 Question Id : 1908898166 Question Type : MCQ Option Shuffling : No**

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**Is Question Mandatory : No**

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

Streptomycin is the oldest aminoglycoside antibiotic obtained from

1. *Streptomyces kanamyceticus*
2. *Streptomyces griseus*
3. *Streptomyces tenebrarius*
4. *Micromonospora inyoensis*

**Options :**

19088932557. 1

19088932558. 2

19088932559. 3

19088932560. 4

**Question Number : 106 Question Id : 1908898167 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

An immunologically mediated reaction producing sterotype symptoms which are unrelated to the pharmacodynamic profile of the drug, generally occur even with much smaller doses and have a different time course of onset and duration is called as

1. Drug addiction
2. Drug dependence
3. Drug hypersensitivity
4. Drug habituation

**Options :**

19088932561. 1

19088932562. 2

19088932563. 3

19088932564. 4

**Question Number : 107 Question Id : 1908898168 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The rate and extent of absorption of a drug from a dosage form as determined by its concentration-time curve in blood or by its excretion in urine is referred as

1. Distribution
2. Bioavailability
3. Redistribution
4. Plasma protein binding

**Options :**

19088932565. 1

19088932566. 2

19088932567. 3

19088932568. 4

**Question Number : 108 Question Id : 1908898169 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Chlortetracycline was the first tetracycline discovered and was first introduced for clinical use in the year

1. 1945
2. 1946
3. 1947
4. 1948

**Options :**

19088932569. 1

19088932570. 2

19088932571. 3

19088932572. 4

**Question Number : 109 Question Id : 1908898170 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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



Which of these chemicals are considered as insecticides?

- A. DDT
- B. 2, 4, D
- C. Atrazine
- D. Paraquat

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

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

**Options :**

- 19088932573. 1
- 19088932574. 2
- 19088932575. 3
- 19088932576. 4

**Question Number : 110 Question Id : 1908898171 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of the following are under the category of nerve gases?

- A. Tabun
- B. Sarin
- C. DFP
- D. Soman

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

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

**Options :**

- 19088932577. 1

19088932578. 2

19088932579. 3

19088932580. 4

**Question Number : 111 Question Id : 1908898172 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Dermal toxicosis may produce allergic reactions such as

- A. Dermatitis
- B. Burning
- C. Itching sensation in skin
- D. Mutagenesis

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

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

**Options :**

19088932581. 1

19088932582. 2

19088932583. 3

19088932584. 4

**Question Number : 112 Question Id : 1908898173 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Match List I with List II

List I	List II
A. Hydrogen Cyanide (HCN)	I. Hyoscine
B. Bracken Fern	II. Phase-II
C. Datura	III. Sorghum
D. Acetylation	IV. Thiamine deficiency

Choose the correct answer from the options given below:

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

**Options :**

19088932585. 1

19088932586. 2

19088932587. 3

19088932588. 4

**Question Number : 113 Question Id : 1908898174 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which drug does NOT belong to the glycosides group?

1. Digitoxin
2. Digoxin
3. Ouabain
4. Glycyrrhizin

**Options :**

19088932589. 1

19088932590. 2

19088932591. 3

19088932592. 4

**Question Number : 114 Question Id : 1908898175 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

**Match List I with List II**

List I	List II
A. Resins	I. Catechu
B. Tannins	II. Podophyllum
C. Gums	III. Agar
D. Fats	IV. Lard

Choose the correct answer from the options given below:

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

**Options :**

19088932593. 1

19088932594. 2

19088932595. 3

19088932596. 4

**Question Number : 115 Question Id : 1908898176 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Arrange the half life (beta) in hours of single intravenous administration of gentamicin (10 mg/kg) in serum in hawks, owls, eagles and catfish, respectively

- A. 1.35
- B. 1.93
- C. 2.46
- D. 11.87

Choose the *correct* answer from the options given below

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

**Options :**

19088932597. 1

19088932598. 2

19088932599. 3

19088932600. 4

**Question Number : 116 Question Id : 1908898177 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

**Match List I with List II**

List I	List II
A. Khesari dal	I. Secondary photosensitization
B. Elephant grass	II. Lathyrism
C. Lantana	III. Oxalates
D. Kaner	IV. Cardiotoxic

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

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

**Options :**

19088932601. 1

19088932602. 2

19088932603. 3

19088932604. 4

**Question Number : 117 Question Id : 1908898178 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

**Assertion A** : Ion trapping is an important process in drug distribution with potential therapeutic benefit.

**Reason R** : At steady state, an acidic drug will accumulate on the more basic side of the membrane and a basic drug on the more acidic side.

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

**Options :**

19088932605. 1

19088932606. 2

19088932607. 3

19088932608. 4

**Question Number : 118 Question Id : 1908898179 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Match List I with List II

List I	List II
A. Acetazolamide	I. Osmotic diuretics
B. Mannitol	II. Inhibitors of carbonic anhydrase
C. Furosemide	III. Mineralocorticoid receptor antagonist
D. Spironolactone	IV. Loop diuretics

Choose the correct answer from the options given below:

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

Options :

19088932609. 1  
19088932610. 2  
19088932611. 3  
19088932612. 4

Question Number : 119 Question Id : 1908898180 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Losartan	I. Potassium channel opener
B. Ouabain	II. ACE inhibitor
C. Captopril	III. Sodium pump blocker
D. Levocromakalim	IV. AT1 receptor antagonist

Choose the correct answer from the options given below:

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

Options :

19088932613. 1

19088932614. 2

19088932615. 3

19088932616. 4

**Question Number : 120 Question Id : 1908898181 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

**Match List I with List II**

List I	List II
A. Secretory expectorant	I. Water aerosols
B. Saline expectorant	II. Bromhexine
C. Mucolytic expectorant	III. Potassium iodide
D. Diluent expectorant	IV. Ipecacuanha

Choose the correct answer from the options given below:

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

**Options :**

19088932617. 1

19088932618. 2

19088932619. 3

19088932620. 4