

# National Testing Agency

<b>Question Paper Name :</b>	Veterinary Parasitology 17th September Shift 2
<b>Subject Name :</b>	Veterinary Parasitology
<b>Creation Date :</b>	2021-09-17 18:54:28
<b>Duration :</b>	120
<b>Total Marks :</b>	480
<b>Display Marks:</b>	Yes

## Veterinary Parasitology

<b>Group Number :</b>	1
<b>Group Id :</b>	19088996
<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>	190889212
<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>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	190889252
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 19088910822 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1**

Which of the following is the device used to measure the power and speed of the wind?

1. Avometer
2. Anemometer
3. Airometer
4. Aviontimeter

**Options :**

19088943181. 1

19088943182. 2

19088943183. 3

19088943184. 4

**Question Number : 2 Question Id : 19088910823 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1**

Optical fibre used the concept of which of the following?

1. Reflection
2. Refraction
3. Total internal reflection
4. Total internal refraction

**Options :**

- 19088943185. 1
- 19088943186. 2
- 19088943187. 3
- 19088943188. 4

**Question Number : 3 Question Id : 19088910824 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Yellow vein mosaic is the viral disease of which of the following plants?

- 1. Ladyfinger
- 2. Papaya
- 3. Sugarcane
- 4. Banana

**Options :**

- 19088943189. 1
- 19088943190. 2
- 19088943191. 3
- 19088943192. 4

**Question Number : 4 Question Id : 19088910825 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Which of the following organ(s) is affected by Mumps disease?

- 1. Entire body
- 2. Skin
- 3. Eye
- 4. Parotid

**Options :**

- 19088943193. 1
- 19088943194. 2
- 19088943195. 3

19088943196. 4

**Question Number : 5 Question Id : 19088910826 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Which of the following is the chemical name of vitamin B<sub>2</sub>?

1. Riboflavin
2. Calciferol
3. Pyridoxin
4. Niacin

**Options :**

19088943197. 1

19088943198. 2

19088943199. 3

19088943200. 4

**Question Number : 6 Question Id : 19088910827 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

Which of the following is not the input unit of the computer?

1. Mouse
2. Keyboard
3. Screen
4. Scanner

**Options :**

19088943201. 1

19088943202. 2

19088943203. 3

19088943204. 4

**Question Number : 7 Question Id : 19088910828 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

The digital computer operates on which of the following principle?

1. Measurement
2. Calculation
3. Logical
4. Electrification

**Options :**

19088943205. 1

19088943206. 2

19088943207. 3

19088943208. 4

**Question Number : 8 Question Id : 19088910829 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

The non-cooperation movement of Gandhiji was launched in which of the following year?

1. 1915
2. 1922
3. 1920
4. 1930

**Options :**

19088943209. 1

19088943210. 2

19088943211. 3

19088943212. 4

**Question Number : 9 Question Id : 19088910830 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

An Islamic revivalist movement named Wahabi movement was founded by which of the following person?

1. Sian Saheb
2. Syed Ahmed
3. Haji Shariat-Allah
4. DaduMian

**Options :**

19088943213. 1

19088943214. 2

19088943215. 3

19088943216. 4

**Question Number : 10 Question Id : 19088910831 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of the following is considered as the “Magna Carta of England Education in India”?

1. Hunter education commission
2. Lord Macaulay’s Minute
3. Wood’s Despatch
4. Thomas Babington Macaulay

**Options :**

19088943217. 1

19088943218. 2

19088943219. 3

19088943220. 4

**Question Number : 11 Question Id : 19088910832 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of the following nutrient does not come under the ambit of 'macro-nutrients in Soil Health Card?

1. Nitrogen
2. Zinc
3. Phosphorous
4. Potassium

**Options :**

19088943221. 1

19088943222. 2

19088943223. 3

19088943224. 4

**Question Number : 12 Question Id : 19088910833 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Cole crops, root crops and legumes come under the ambit of which of the following?

1. Olericulture
2. Pomology
3. Viticulture
4. Arboriculture

**Options :**

19088943225. 1

19088943226. 2

19088943227. 3

19088943228. 4

**Question Number : 13 Question Id : 19088910834 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The study of individual trees, shrubs, vines, and perennial woody plants is known as which of the following?

1. Turf management
2. Arboriculture
3. Pomology
4. Viticulture

**Options :**

19088943229. 1

19088943230. 2

19088943231. 3

19088943232. 4

**Question Number : 14 Question Id : 19088910835 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The ministry is implementing MIDH (Mission for Integrated Development of Horticulture) with effect from which of the following year?

1. 2012-13
2. 2019-20
3. 2015-16
4. 2014-15

**Options :**

19088943233. 1

19088943234. 2

19088943235. 3

19088943236. 4

**Question Number : 15 Question Id : 19088910836 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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



The interaction of soils with living things, particularly plants are well known as which of the following?

1. Edaphology
2. Pedology
3. Soil zoology
4. Pedogenesis

**Options :**

19088943237. 1

19088943238. 2

19088943239. 3

19088943240. 4

**Question Number : 16 Question Id : 19088910837 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of the following systems has also incorporated social aspects in itself?

1. Landscaping
2. Permaculture
3. Horticulture
4. Forest gardening

**Options :**

19088943241. 1

19088943242. 2

19088943243. 3

19088943244. 4

**Question Number : 17 Question Id : 19088910838 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

What do you term the phenomenon whereby the specific gene is added to the plant for producing a desirable phenotype?

1. Genetic manipulation
2. Genetic recombination
3. Genetic modification
4. Genetic hybridisation

**Options :**

19088943245. 1

19088943246. 2

19088943247. 3

19088943248. 4

**Question Number : 18 Question Id : 19088910839 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

What is the focus of the participatory plant breeding program?

1. Scientists
2. Plants
3. Environment
4. Farmers

**Options :**

19088943249. 1

19088943250. 2

19088943251. 3

19088943252. 4

**Question Number : 19 Question Id : 19088910840 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

How do you term the form of agriculture, in which, industrialized production of crops and animal products takes place?

1. Manufactured agriculture
2. Modern agriculture
3. Industrial agriculture
4. Mechanistic agriculture

**Options :**

19088943253. 1

19088943254. 2

19088943255. 3

19088943256. 4

**Question Number : 20 Question Id : 19088910841 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Micro-irrigation fund of Rs. 5.000 crore has been placed with which of the following organization?

1. NABARD
2. IDBI
3. SBI
4. RRBs

**Options :**

19088943257. 1

19088943258. 2

19088943259. 3

19088943260. 4

## **Part B Core : Veterinary and Animal Sciences-II**

**Section Id :** 190889213

**Section Number :** 2

**Section type :** 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>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	190889253
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 21 Question Id : 19088910842 Question Type : MCQ Option Shuffling : No**  
**Is Question Mandatory : No**  
**Correct Marks : 4 Wrong Marks : 1**

Drug of choice for treatment of fasciolosis in cattle is

- |                     |                  |
|---------------------|------------------|
| (1) Closantel       | (2) Rafoxanide   |
| (3) Triclabendazole | (4) Oxyclozanide |

**Options :**

- 19088943261. 1
- 19088943262. 2
- 19088943263. 3
- 19088943264. 4

**Question Number : 22 Question Id : 19088910843 Question Type : MCQ Option Shuffling : No**  
**Is Question Mandatory : No**  
**Correct Marks : 4 Wrong Marks : 1**

Metacestode stage found in invertebrate intermediate host is

- |                    |                  |
|--------------------|------------------|
| (1) Cysticercoid   | (2) Cysticercus  |
| (3) Strobilocercus | (4) Hydatid cyst |

**Options :**

19088943265. 1

19088943266. 2

19088943267. 3

19088943268. 4

**Question Number : 23 Question Id : 19088910844 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Tracheal route of migration is not seen in the following nematode species

(1) *Parascaris equorum*

(2) *Ascaris suum*

(3) *Toxocara canis*

(4) *Toxascaris leonina*

**Options :**

19088943269. 1

19088943270. 2

19088943271. 3

19088943272. 4

**Question Number : 24 Question Id : 19088910845 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Butcher's Jelly condition is related to which of the following fly?

(1) *Tabanus*

(2) *Hypoderma*

(3) *Sarcophaga*

(4) *Calliphoria*

**Options :**

19088943273. 1

19088943274. 2

19088943275. 3

19088943276. 4

Question Number : 25 Question Id : 19088910846 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Prostriata tick is one of the following

- |                        |                          |
|------------------------|--------------------------|
| (1) <i>Ixodes</i>      | (2) <i>Amblyomma</i>     |
| (3) <i>Dermacentor</i> | (4) <i>Rhipicephalus</i> |

Options :

19088943277. 1

19088943278. 2

19088943279. 3

19088943280. 4

Question Number : 26 Question Id : 19088910847 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The test that differentiates *T. brucei* from *Trypanosoma brucei rhodesiense* is

- |                                       |                     |
|---------------------------------------|---------------------|
| (1) Blood incubation infectivity test | (2) Dye test        |
| (3) Formal Gel test                   | (4) Montenegro test |

Options :

19088943281. 1

19088943282. 2

19088943283. 3

19088943284. 4

Question Number : 27 Question Id : 19088910848 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Nematodes in the large intestine of horses having single spicule are

- (1) *Strongylus vulgaris* (2) *Parascaris equorum*  
(3) *Draschia megastoma* (4) *Oxyuris equi*

**Options :**

19088943285. 1

19088943286. 2

19088943287. 3

19088943288. 4

**Question Number : 28 Question Id : 19088910849 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Followings are meat borne Zoonoses except

- (1) *Opisthorchis tenuicollis* (2) *Trichinella spiralis*  
(3) *Toxoplasma gondii* (4) *Taenia saginata*

**Options :**

19088943289. 1

19088943290. 2

19088943291. 3

19088943292. 4

**Question Number : 29 Question Id : 19088910850 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The ability of a parasite strain to resist the dose of two chemically unrelated drugs having different modes of action is termed as

- (1) Multiple resistance                      (2) Side resistance  
(3) Cross resistance                         (4) Reversion

**Options :**

19088943293. 1

19088943294. 2

19088943295. 3

19088943296. 4

**Question Number : 30 Question Id : 19088910851 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

One of the following vaccine contains exoantigen secreted by the parasite

- (1) Pirodog                                      (2) CoxAbic  
(3) Leishmcene                                (4) Toxovax

**Options :**

19088943297. 1

19088943298. 2

19088943299. 3

19088943300. 4

**Question Number : 31 Question Id : 19088910852 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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



Asymmetrical dorsal lobe and barbed spicule present along with distinct vulval flap in female is a characteristic feature of the following nematode

- (1) *Strongyloides* (2) *Haemonchus*  
(3) *Nematodirus* (4) *Cooperia*

**Options :**

19088943301. 1  
19088943302. 2  
19088943303. 3  
19088943304. 4

**Question Number : 32 Question Id : 19088910853 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) Osteosarcoma in dog                    | (I) <i>Trypanosoma evansi</i>     |
| (B) Venacaval syndrome                     | (II) <i>Entamoeba histolytica</i> |
| (C) Urticarial plaques on horse body       | (III) <i>Dirofilaria immitis</i>  |
| (D) Flask shaped ulcer in intestine of man | (IV) <i>Spirocerca lupi</i>       |

Choose the correct answer from the options given below:

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

**Options :**

19088943305. 1  
19088943306. 2  
19088943307. 3  
19088943308. 4

**Question Number : 33 Question Id : 19088910854 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Causative agent of Mal-de-Caderas is

- |                                |                                   |
|--------------------------------|-----------------------------------|
| (1) <i>Trypanosoma equinum</i> | (2) <i>Trypanosoma equiperdum</i> |
| (3) <i>Trypanosoma vivax</i>   | (4) <i>Trypanosoma evansi</i>     |

**Options :**

19088943309. 1

19088943310. 2

19088943311. 3

19088943312. 4

**Question Number : 34 Question Id : 19088910855 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements:

Statement I : One vertebrate and two invertebrate hosts are involved in metazoonosis type II

Statement II : One invertebrate and two vertebrate hosts are involved in metazoonosis type III

In the 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 :**

19088943313. 1

19088943314. 2

19088943315. 3

19088943316. 4

**Question Number : 35 Question Id : 19088910856 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which type of adulterant of milk is detected by using Rosalic acid test?

- |                    |                                      |
|--------------------|--------------------------------------|
| (1) Neutralizers   | (2) Preservative                     |
| (3) Synthetic milk | (4) Specific gravity adjusting agent |

**Options :**

19088943317. 1

19088943318. 2

19088943319. 3

19088943320. 4

**Question Number : 36 Question Id : 19088910857 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

As per the FSSAI regulations, the standard plate count of pasteurized milk should not exceed

- |                 |                   |
|-----------------|-------------------|
| (1) 3000 CFU/mL | (2) 30,000 CFU/mL |
| (3) 10 CFU/mL   | (4) 50,000 CFU/mL |

**Options :**

19088943321. 1

19088943322. 2

19088943323. 3

19088943324. 4

**Question Number : 37 Question Id : 19088910858 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements:

Statement I : Tetanus in food animal can be easily diagnosed during post mortem examination.

Statement II : Rabies in food animal can be easily diagnosed during ante-mortem examination but not that easily after post mortem examination

In the 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 :**

19088943325. 1

19088943326. 2

19088943327. 3

19088943328. 4

**Question Number : 38 Question Id : 19088910859 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The B.O.D. strength of sewage effluent to be discharged into surface water should not be more than

- |              |                 |
|--------------|-----------------|
| (1) 25 mg/L  | (2) 25 gm/100 L |
| (3) 25 gm /L | (4) 25 µg/L     |

**Options :**

19088943329. 1

19088943330. 2

19088943331. 3

19088943332. 4

**Question Number : 39 Question Id : 19088910860 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Most of the fresh water on earth is available as

- |                           |                    |
|---------------------------|--------------------|
| (1) Glaciers and ice caps | (2) Ground water   |
| (3) Lakes and river       | (4) Reservoir dams |

**Options :**

19088943333. 1

19088943334. 2

19088943335. 3

19088943336. 4

**Question Number : 40 Question Id : 19088910861 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which is the most abundant component of fresh air?

- |                    |                 |
|--------------------|-----------------|
| (1) Nitrogen       | (2) Oxygen      |
| (3) Carbon dioxide | (4) Hydrosphere |

**Options :**

19088943337. 1

19088943338. 2

19088943339. 3

19088943340. 4

**Question Number : 41 Question Id : 19088910862 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Contamination of milk due to *Clostridium perfringens* is mainly attributed to

- |                               |                    |
|-------------------------------|--------------------|
| (1) Diseased animal           | (2) Milk handler   |
| (3) Environment of dairy farm | (4) Healthy animal |

**Options :**

- 19088943341. 1
- 19088943342. 2
- 19088943343. 3
- 19088943344. 4

**Question Number : 42 Question Id : 19088910863 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which one of the bacterial pathogens mentioned below do not multiply freely in milk?

- (1) *Staphylococcus aureus*
- (2) *Brucella abortus*
- (3) *Listeria monocytogenes*
- (4) *Escherichia coli*

**Options :**

- 19088943345. 1
- 19088943346. 2
- 19088943347. 3
- 19088943348. 4

**Question Number : 43 Question Id : 19088910864 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Following are examples of viral zoonoses except:

- (1) Weil's disease
- (2) Rift valley fever
- (3) Louping ill
- (4) yellow fever

**Options :**

- 19088943349. 1
- 19088943350. 2
- 19088943351. 3
- 19088943352. 4

**Question Number : 44 Question Id : 19088910865 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

If the food processing equipment is dismantled for thorough cleaning, then this process is called as

- |                         |                                |
|-------------------------|--------------------------------|
| (1) Cleaning-in-place   | (2) Cleaning-out of-place      |
| (3) Routine maintenance | (4) Sterilization of equipment |

**Options :**

19088943353. 1

19088943354. 2

19088943355. 3

19088943356. 4

**Question Number : 45 Question Id : 19088910866 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The purpose of providing rest to any food animal in lairage for a minimum of 12 hour period after arrival from long distance is

- |   |   |
|---|---|
| (1) To reduce intestinal load of bacteria | (2) To reduce incidence of bruising     |
| (3) To collect maximum possible manure    | (4) To make it easy for animal handling |

**Options :**

19088943357. 1

19088943358. 2

19088943359. 3

19088943360. 4

**Question Number : 46 Question Id : 19088910867 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

"Redeye" in human is a constant and characteristic feature of

- |                 |                          |
|-----------------|--------------------------|
| (1) Farcy       | (2) Cat-scratch syndrome |
| (3) Malta fever | (4) Weil's syndrome      |

**Options :**

19088943361. 1

19088943362. 2

19088943363. 3

19088943364. 4

**Question Number : 47 Question Id : 19088910868 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Bacteria have ribosomal sub-units as follows

- |                 |                 |
|-----------------|-----------------|
| (1) 60s and 40s | (2) 50s and 30s |
| (3) 50s and 20s | (4) 60s and 30s |

**Options :**

19088943365. 1

19088943366. 2

19088943367. 3

19088943368. 4

**Question Number : 48 Question Id : 19088910869 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) LPS	(I) <i>Staphylococcus</i>
(B) Lipoteichoic acid	(II) L-forms
(C) Mycolic acids	(III) <i>Brucella</i>
(D) Cell wall deficient	(IV) <i>Mycobacterium</i>

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

**Options :**

19088943369. 1

19088943370. 2

19088943371. 3

19088943372. 4

**Question Number : 49 Question Id : 19088910870 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements :

Statement I : Endotoxins are chemically made up of lipopolysaccharides and generally produced by Gram-negative bacteria

Statement II : Endotoxins are pyogenic.

In the 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 correct but Statement II is false
- (4) Statement I is incorrect but Statement II is true

**Options :**

19088943373. 1

19088943374. 2

19088943375. 3

19088943376. 4

**Question Number : 50 Question Id : 19088910871 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 : *Staphylococcus aureus* produces golden yellow pigmented colonies on mannitol salt agar

Reason R : Mannitol salt agar has high salt concentration of 7.5%

In the 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 and 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 :**

19088943377. 1

19088943378. 2

19088943379. 3

19088943380. 4

**Question Number : 51 Question Id : 19088910872 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

“ Summer Mastitis” is caused by

- (A) *Staphylococcus aureus*
- (B) *Streptococcus agalactiae*
- (C) *Arcanobacterium pyogenes*
- (D) *Streptococcus dysgalactiae*
- (E) *Peptostreptococcus indolicus*

Choose the correct answer from the options given below :

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

**Options :**

19088943381. 1

19088943382. 2

19088943383. 3

19088943384. 4

**Question Number : 52 Question Id : 19088910873 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

“ Hot-cold lysis” is seen with bacteria

- (1) *Listeria monocytogenes*
- (2) *Staphylococcus aureus*
- (3) *Streptococcus agalactiae*
- (4) *Clostridium perfringens*

**Options :**

19088943385. 1

19088943386. 2

19088943387. 3

19088943388. 4

**Question Number : 53 Question Id : 19088910874 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements:

Statement I : Target haemolysis is produced due to narrow zone of partial haemolysis surrounded by broader zone of complete haemolysis on blood agar.

Statement II : Target haemolysis is produced by *Clostridium perfringens* and *Staphylococcus aureus*.

In the 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 correct but Statement II is false
- (4) Statement I is incorrect but Statement II is true

**Options :**

19088943389. 1

19088943390. 2

19088943391. 3

19088943392. 4

**Question Number : 54 Question Id : 19088910875 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 : Tetanus is dreadful neurotoxic disease of man and animals.

Reason R : Causative agent *Clostridium tetani* has high power of invasion and this organism can reach the brain.

In the 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 :**

19088943393. 1

19088943394. 2

19088943395. 3

19088943396. 4

**Question Number : 55 Question Id : 19088910876 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) Black death	(I) <i>Yersinia enterocolitica</i>
(B) Black disease	(II) <i>Clostridium perfringens</i>
(C) Nagler reaction	(III) <i>Clostridium novyi</i> Type B
(D) Cold enrichment	(IV) <i>Yersinia pestis</i>

Choose the correct answer from the options given below:

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

**Options :**

19088943397. 1

19088943398. 2

19088943399. 3

19088943400. 4

**Question Number : 56 Question Id : 19088910877 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

*Streptococcus* species that are untypable by Lance field classification are

- (A) *Streptococcus uberis*
- (B) *Streptococcus equi*
- (C) *Streptococcus equisimilis*
- (D) *Streptococcus pneumoniae*
- (E) *Streptococcus parauberis*

Choose the correct answer from the options given below :

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

**Options :**

19088943401. 1

19088943402. 2

19088943403. 3

19088943404. 4

**Question Number : 57 Question Id : 19088910878 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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



Acid fast nature of *Mycobacterium* is due to presence of

- (A) Teichoic acids
- (B) Dipicolinic acids
- (C) Mycolic acids
- (D) N-Acetyl muramic acids
- (E) Glucuronic acids

Choose the correct answer from the options given below :

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

**Options :**

19088943405. 1

19088943406. 2

19088943407. 3

19088943408. 4

**Question Number : 58 Question Id : 19088910879 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Statement I : Brilliant Green Agar (BGA) is a selective medium for *Salmonella*.

Statement II : BGA is made selective by incorporating high salt concentration of 6.5%

In the 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 :**

19088943409. 1

19088943410. 2

19088943411. 3

19088943412. 4

**Question Number : 59 Question Id : 19088910880 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

The four cardinal signs of inflammation was given by

- |                    |                            |
|--------------------|----------------------------|
| (1) Galen          | (2) Aulus Cornelius Celsus |
| (3) E. Metchnikoff | (4) Hippocrates            |

**Options :**

19088943413. 1

19088943414. 2

19088943415. 3

19088943416. 4

**Question Number : 60 Question Id : 19088910881 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Cell swelling causes disruption of inter digitations between cells of

- |                        |                     |
|------------------------|---------------------|
| (1) Corneum layer      | (2) Lucidum layer   |
| (3) Germinativum layer | (4) Spinosium layer |

**Options :**

19088943417. 1

19088943418. 2

19088943419. 3

19088943420. 4

**Question Number : 61 Question Id : 19088910882 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Empyema is the suppurative inflammation of the

- |                  |                      |
|------------------|----------------------|
| (1) Lung alveoli | (2) Guttural pouches |
| (3) Middle ear   | (4) Ependyma         |

**Options :**

19088943421. 1

19088943422. 2

19088943423. 3

19088943424. 4

**Question Number : 62 Question Id : 19088910883 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Systemic lupus erythematosus is a

- (1) Bacterial disease caused by *Erysepelothrix* sp.
- (2) Herpes viral disease
- (3) Autoimmune disease
- (4) Immunodeficiency disease

**Options :**

19088943425. 1

19088943426. 2

19088943427. 3

19088943428. 4

**Question Number : 63 Question Id : 19088910884 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Disorderly and haphazard arrangement of tissue is termed as

- (1) Dysplasia
- (2) Metaplasia
- (3) Dyscrasia
- (4) Neoplasia

**Options :**

19088943429. 1

19088943430. 2

19088943431. 3

19088943432. 4

**Question Number : 64 Question Id : 19088910885 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Lipids and fats in tissues can be demonstrated by using

- |                                |                   |
|--------------------------------|-------------------|
| (1) Periodic acid Schiff stain | (2) Gimenez stain |
| (3) Romanosky stains           | (4) Oil Red       |

**Options :**

19088943433. 1

19088943434. 2

19088943435. 3

19088943436. 4

**Question Number : 65 Question Id : 19088910886 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Clotting time is increased in deficiency of

- |               |                |
|---------------|----------------|
| (1) Vitamin C | (2) Vitamin K  |
| (3) Vitamin E | (4) Riboflavin |

**Options :**

19088943437. 1

19088943438. 2

19088943439. 3

19088943440. 4

**Question Number : 66 Question Id : 19088910887 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Spongiform encephalopathies are not associated with the following feature

- |                       |                              |
|-----------------------|------------------------------|
| (1) Status spongiosus | (2) Perivascular cuffing     |
| (3) Neuronal loss     | (4) Amyloid plaque formation |

**Options :**

- 19088943441. 1
- 19088943442. 2
- 19088943443. 3
- 19088943444. 4

**Question Number : 67 Question Id : 19088910888 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

The cutaneous form of which of the following disease is called as Farcy.

- |               |                      |
|---------------|----------------------|
| (1) Glanders  | (2) Equine Influenza |
| (3) Strangles | (4) Pseudoglanders   |

**Options :**

- 19088943445. 1
- 19088943446. 2
- 19088943447. 3
- 19088943448. 4

**Question Number : 68 Question Id : 19088910889 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Colibacillosis in poultry is not associated with the condition

- |                    |                     |
|--------------------|---------------------|
| (1) Air sacculitis | (2) Ventriculitis   |
| (3) Omphalitis     | (4) Panophthalmitis |

**Options :**

19088943449. 1

19088943450. 2

19088943451. 3

19088943452. 4

**Question Number : 69 Question Id : 19088910890 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Deficiency of Vitamin D is not associated with the condition

- |                      |                          |
|----------------------|--------------------------|
| (1) Chondrodystrophy | (2) Rachitic rosary ribs |
| (3) Bent sternum     | (4) Bowed legs           |

**Options :**

19088943453. 1

19088943454. 2

19088943455. 3

19088943456. 4

**Question Number : 70 Question Id : 19088910891 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The most potent toxin known to man

- (1) Buchratoxin (2) Ochratoxin  
(3) Tetrodotoxin (4) Botulinum toxin

**Options :**

19088943457. 1

19088943458. 2

19088943459. 3

19088943460. 4

## Part C : Veterinary Parasitology

<b>Section Id :</b>	190889214
<b>Section Number :</b>	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>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	190889254
<b>Question Shuffling Allowed :</b>	Yes

Question Number : 71 Question Id : 19088910892 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1



Who is regarded as founder of Parasitology?

- (1) Francesco Redi (2) Leeuwenhoek  
(3) Aristotle (4) Sir Ronald Ross

**Options :**

19088943461. 1

19088943462. 2

19088943463. 3

19088943464. 4

**Question Number : 72 Question Id : 19088910893 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The host parasite relationship that best describes 'eat at the common table'

- (1) Mutalism (2) Phoresis  
(3) Predatorism (4) Commensalism

**Options :**

19088943465. 1

19088943466. 2

19088943467. 3

19088943468. 4

**Question Number : 73 Question Id : 19088910894 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of the following statements are correct for *Opisthorchis tenuicollis*?

- (A) 'Y' Shaped excretory bladder
- (B) Testes are lobed, diagonally situated at posterior half of body
- (C) Vitellaria form Grape like bunches in lateral field
- (D) Intestinal caeca are highly branched and reach upto posterior end
- (E) Vitelline glands are present laterally at the middle third of the body

Choose the correct answer from the options given below :

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

**Options :**

19088943469. 1

19088943470. 2

19088943471. 3

19088943472. 4

**Question Number : 74 Question Id : 19088910895 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Eggs of all cestodes are non operculated except

- (1) *Taenia*
- (2) *Moniezia*
- (3) *Stilesia*
- (4) *Spirometra*

**Options :**

19088943473. 1

19088943474. 2

19088943475. 3

19088943476. 4

**Question Number : 75 Question Id : 19088910896 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of the following statements are correct for *Taenia Saginata*?

- (A) Armed rostellum
- (B) Trilobed ovary
- (C) Vaginal sphincter present
- (D) Gravid segments leave the host spontaneously
- (E) Uterus of Gravid segment has 15-30 lateral branches on each side

Choose the correct answer from the options given below :

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

**Options :**

19088943477. 1

19088943478. 2

19088943479. 3

19088943480. 4

**Question Number : 76 Question Id : 19088910897 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Antipenultimate gland is mature in the following cestode

- (1) *Echinococcus granulosus*
- (2) *Echinococcus vogeli*
- (3) *Echinococcus multilocularis*
- (4) *Echinococcus oligarthus*

**Options :**

19088943481. 1

19088943482. 2

19088943483. 3

19088943484. 4

**Question Number : 77 Question Id : 19088910898 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Which of the following parasites cause autoinfection?

- (A) *Taenia solium*
- (B) *Cryptosporidium parvum*
- (C) *Ancylostoma caninum*
- (D) *Strongyloides stercoralis*
- (E) *Hymenolepis nana*

Choose the correct answer from the options given below :

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

**Options :**

19088943485. 1

19088943486. 2

19088943487. 3

19088943488. 4

**Question Number : 78 Question Id : 19088910899 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Symmetrical dorsal lobe with 'Y' shaped dorsal rays is the characteristic feature of the following nematode

- (1) *Haemonchus contortus*                      (2) *Ostertagia ostertagi*  
(3) *Trichostrongylus axei*                      (4) *Mecistocirrus digitatus*

**Options :**

19088943489. 1

19088943490. 2

19088943491. 3

19088943492. 4

**Question Number : 79 Question Id : 19088910900 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Modes of transmission in case of *Ancylostoma caninum* is

- (A) Skin penetration  
(B) Transcolostral transmission  
(C) Transuterine transmission  
(D) Ingestion of L<sub>3</sub> with food and water  
(E) Prenatal transmission

Choose the correct answer from the options given below :

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

**Options :**

19088943493. 1

19088943494. 2

19088943495. 3

19088943496. 4

**Question Number : 80 Question Id : 19088910901 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements :

Statement I: Bovine bronchitis vaccine Dictol was the first antiparasitic vaccine developed for use in animals or humans.

Statement II: Each dose of vaccine comprises 500 viable, irradiated L<sub>3</sub> larvae of *Dictyocaulus viviparus*.

In the 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 :**

19088943497. 1

19088943498. 2

19088943499. 3

19088943500. 4

**Question Number : 81 Question Id : 19088910902 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The only molluscs that have undergone an extensive adaptative radiation and have invaded various kinds of habitat

- |                |                    |
|----------------|--------------------|
| (1) Scaphopoda | (2) Gastropoda     |
| (3) Amphineura | (4) Monoplacophora |

**Options :**

19088943501. 1

19088943502. 2

19088943503. 3

19088943504. 4

**Question Number : 82 Question Id : 19088910903 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Wings are absent in the following(s)

- (A) Lice
- (B) Flea
- (C) Sheepked fly
- (D) Bugs

Choose the most appropriate answer from the options given below :

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

**Options :**

19088943505. 1

19088943506. 2

19088943507. 3

19088943508. 4

**Question Number : 83 Question Id : 19088910904 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of the following acts as vector for Blue tongue virus in sheep?

- (1) Black flies
- (2) Sand flies
- (3) Punkies
- (4) Gad fly

**Options :**

19088943509. 1

19088943510. 2

19088943511. 3

19088943512. 4

**Question Number : 84 Question Id : 19088910905 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Siphon tube is absent in

(1) *Anopheles*

(2) *Aedes*

(3) *Culex*

(4) *Aedes and Culex*

**Options :**

19088943513. 1

19088943514. 2

19088943515. 3

19088943516. 4

**Question Number : 85 Question Id : 19088910906 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The third segment of antenna has spur like projection in the following

(1) *Musca*

(2) *Stomoxys*

(3) *Tabanus*

(4) *Phlebotomus*

**Options :**

19088943517. 1

19088943518. 2

19088943519. 3

19088943520. 4

**Question Number : 86 Question Id : 19088910907 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**



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

Following statements are true for hard ticks

- (A) Scutum present
- (B) More than one nymphal stage present
- (C) Mating usually takes place off the host
- (D) Festoons usually present
- (E) Long life and can survive several years without feeding

Choose the correct answer from the options given below :

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

**Options :**

19088943521. 1

19088943522. 2

19088943523. 3

19088943524. 4

**Question Number : 87 Question Id : 19088910908 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Species whose engorged nymphs only drop off to molt are termed as

- (1) One host ticks
- (2) Two host ticks
- (3) Three host ticks
- (4) Both (1) and (2)

**Options :**

19088943525. 1

19088943526. 2

19088943527. 3

19088943528. 4

Question Number : 88 Question Id : 19088910909 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following statements do not correspond to TICK GARD vaccine?

- (A) First commercial recombinant vaccine against parasitic disease
- (B) TICK GARD uses hidden Gut derived antigen
- (C) Vaccine contains BM86 expressed in yeast
- (D) TICK GARD vaccine developed by researchers in Cuba
- (E) The vaccine is highly effective against *Boophilus microplus*

Choose the correct answer from the options given below :

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

Options :

19088943529. 1

19088943530. 2

19088943531. 3

19088943532. 4

Question Number : 89 Question Id : 19088910910 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Common Red mite of poultry is termed as

- (1) *Dermanyssus gallinae*
- (2) *Ornithonyssus bursa*
- (3) *Argas persicus*
- (4) *Ornithonyssus sylviarum*

Options :

19088943533. 1

19088943534. 2

19088943535. 3

19088943536. 4

**Question Number : 90 Question Id : 19088910911 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Match List I with List II

List I

- (A) Fluff Louse
- (B) Cigar mite
- (C) *Lipeurus caponis*
- (D) Chigoe flea

List II

- (I) Wing louse
- (II) *Demodex canis*
- (III) *Gonoides gallinae*
- (IV) *Tunga penetrans*

Choose the correct answer from the options given below :

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

**Options :**

19088943537. 1

19088943538. 2

19088943539. 3

19088943540. 4

**Question Number : 91 Question Id : 19088910912 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Dollar spot is caused by the following protozoa

- (1) *Trypanosoma equiperdum*                      (2) *Trypanosoma evansi*  
(3) *Trypanosoma brucei*                        (4) *Trypanosoma congolense*

**Options :**

19088943541. 1  
19088943542. 2  
19088943543. 3  
19088943544. 4

**Question Number : 92 Question Id : 19088910913 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Sporulated oocyst of *Sarcocystis* is also described as

- (1) Tetrasporocystic tetrasporozoic                      (2) Tetrasporocystic bisporozoic  
(3) Bisporocystic tetrasporozoic                        (4) Asporocystic tetrasporozoic

**Options :**

19088943545. 1  
19088943546. 2  
19088943547. 3  
19088943548. 4

**Question Number : 93 Question Id : 19088910914 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of the following statements do not correspond to *Hepatozoon canis*?

- (A) Transmission by tick bite.
- (B) Syngamy and sporogony occur in tick.
- (C) Often found in apparently healthy dog.
- (D) Gamonts are found in Red Blood Cell.
- (E) Each oocyst contains 30 sporocysts and about 16 sporozoites per sporocyst.

Choose the correct answer from the options given below :

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

**Options :**

19088943549. 1

19088943550. 2

19088943551. 3

19088943552. 4

**Question Number : 94 Question Id : 19088910915 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

EPM (Equine Protozoal Encephalomyelitis) is caused by the following protozoan parasite

- (1) *Sarcocystis neurona*
- (2) *Toxoplasma gondii*
- (3) *Babesia equi*
- (4) *Hammondia hammondi*

**Options :**

19088943553. 1

19088943554. 2

19088943555. 3

19088943556. 4

**Question Number : 95 Question Id : 19088910916 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The causative agent of yellow botton in the upper digestive tract of birds is of the following

- (1) *Histomonas meleagridis*                      (2) *Trypanosoma avium*  
(3) *Tetratrichomonas gallinarum*              (4) *Trichomonas gallinae*

**Options :**

19088943557. 1

19088943558. 2

19088943559. 3

19088943560. 4

**Question Number : 96 Question Id : 19088910917 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Typical treatment for *Babesia Canis* includes

- (1) Atovaquone @ 13.5 mg/kg orally three times daily  
(2) Azithromycin @ 10 mg/kg orally every 24 hours  
(3) Paromomycin @ 150 mg/kg once a day for 5 days  
(4) Imidocarb dipropionate @ 5.7 mg/kg s/c or i/m repeated for 14 days

**Options :**

19088943561. 1

19088943562. 2

19088943563. 3

19088943564. 4

**Question Number : 97 Question Id : 19088910918 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The dose of Rakshavac-T vaccine formulation in bovine comprises of

- (1)  $1 \times 10^6$  cells (2)  $2 \times 10^6$  cells  
(3)  $3 \times 10^6$  cells (4)  $4 \times 10^6$  cells

**Options :**

19088943565. 1

19088943566. 2

19088943567. 3

19088943568. 4

**Question Number : 98 Question Id : 19088910919 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Facultative heteroxenous life cycle seen in the following protozoan parasite

- (1) *Sarcocystis* (2) *Hammondia*  
(3) *Neospora* (4) *Isospora*

**Options :**

19088943569. 1

19088943570. 2

19088943571. 3

19088943572. 4

**Question Number : 99 Question Id : 19088910920 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

One of the following statement is wrong for *Neospora caninum*

- (1) *Neospora caninum* is not considered to be a zoonotic parasite  
(2) It is a major cause of bovine abortion in dairy cows around the world  
(3) The cyst in the neural tissue is thicker than that of *Toxoplasma gondii*  
(4) It causes a spastic hind limb paralysis in transplacentally infected puppies

**Options :**

19088943573. 1

19088943574. 2

19088943575. 3

19088943576. 4

**Question Number : 100 Question Id : 19088910921 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Which of the following statement is not true for *Sarcocystis* species?

- (1) *Sarcocystis* has an obligatory two host life cycle.
- (2) Both sexual and asexual reproduction occurs in the definitive host
- (3) Sporogony occurs inside the host
- (4) Sarcocyst and asexual reproduction occur in the intermediate host only

**Options :**

19088943577. 1

19088943578. 2

19088943579. 3

19088943580. 4

**Question Number : 101 Question Id : 19088910922 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Intestinal sarcocystosis in man is caused by the following protozoan parasites except

- (1) *Sarcocystis sui hominis*
- (2) *Sarcocystis lindemanni*
- (3) *Sarcocystis medusiformis*
- (4) *Sarcocystis hominis*

**Options :**

19088943581. 1

19088943582. 2

19088943583. 3

19088943584. 4



**Question Number : 102 Question Id : 19088910923 Question Type : MCQ Option Shuffling : No**  
**Is Question Mandatory : No**

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

In the following protozoan parasite, tissue cyst contains only single bradzoite

- |                              |                               |
|------------------------------|-------------------------------|
| (1) <i>Toxoplasma gondii</i> | (2) <i>Sarcocystis cruzi</i>  |
| (3) <i>Isospora felis</i>    | (4) <i>Hammondia hammondi</i> |

**Options :**

19088943585. 1

19088943586. 2

19088943587. 3

19088943588. 4

**Question Number : 103 Question Id : 19088910924 Question Type : MCQ Option Shuffling : No**  
**Is Question Mandatory : No**

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

Line of treatment for EPM includes

- (1) Imidocarb dipropionate @ 4 mg/kg i/m for every 3 days
- (2) Clindamycin @ 25 mg/kg orally daily for 2 weeks
- (3) Ponazuril @ 5 mg/kg for 28 days
- (4) Azithromycin @ 12.5 mg/kg orally for 10 days

**Options :**

19088943589. 1

19088943590. 2

19088943591. 3

19088943592. 4

**Question Number : 104 Question Id : 19088910925 Question Type : MCQ Option Shuffling : No**  
**Is Question Mandatory : No**

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

Body is composed of a long filamentous anterior region and a broad, short posterior region in the following nematode

- |                             |                            |
|-----------------------------|----------------------------|
| (1) <i>Trichostrongylus</i> | (2) <i>Strongyloides</i>   |
| (3) <i>Trichuris</i>        | (4) <i>Oesophagostomum</i> |

**Options :**

- 19088943593. 1
- 19088943594. 2
- 19088943595. 3
- 19088943596. 4

**Question Number : 105 Question Id : 19088910926 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Asymmetric dorsal lobe with 'Y' shaped dorsal rays is the characteristic feature of following nematode

- |                                  |                                    |
|----------------------------------|------------------------------------|
| (1) <i>Haemonchus contortus</i>  | (2) <i>Mecistocirrus digitatus</i> |
| (3) <i>Trichostrongylus axei</i> | (4) <i>Ostertagia ostertagi</i>    |

**Options :**

- 19088943597. 1
- 19088943598. 2
- 19088943599. 3
- 19088943600. 4

**Question Number : 106 Question Id : 19088910927 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following statements are correct for *Babesia equi*?

- (A) *Babesia (Theileria) equi* is more pathogenic than *Babesia Caballi*
- (B) Haemoglobinuria is rarely seen.
- (C) Posterior paralysis is commonly seen.
- (D) Constipation is well marked and faeces become hard.
- (E) There is marked anaemia and icterus.

Choose the correct answer from the options given below :

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

**Options :**

19088943601. 1

19088943602. 2

19088943603. 3

19088943604. 4

**Question Number : 107 Question Id : 19088910928 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Lateral lobes of bursa have cuticular bosses in the following nematode

- (1) *Bunostomum*
- (2) *Nematodirus*
- (3) *Chabertia*
- (4) *Ostertagia*

**Options :**

19088943605. 1

19088943606. 2

19088943607. 3

19088943608. 4

**Question Number : 108 Question Id : 19088910929 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of the following character does not correspond to *Strongylus vulgaris*?

- (1) Well developed buccal capsule with two ear shaped teeth
- (2) Well developed leaf crown
- (3) Well developed buccal capsule with a pair of sub-ventral teeth and a bifid dorsal teeth
- (4) Usually found in caecum of horse

**Options :**

19088943609. 1

19088943610. 2

19088943611. 3

19088943612. 4

**Question Number : 109 Question Id : 19088910930 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Following statements are correct corresponding to *Gongylonema verrucosum*

- (A) The species usually occurs in oesophagus of ruminants.
- (B) Cuticular bosses present only on the left side of the anterior end.
- (C) Festooned cervical ala present.
- (D) Coprophagus beetle acts as intermediate host.
- (E) The species is not prevalent in India.

Choose the correct answer from the options given below :

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

**Options :**

19088943613. 1

19088943614. 2

19088943615. 3

19088943616. 4

**Question Number : 110 Question Id : 19088910931 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Followings are chitin synthesis inhibitor except

(1) Cyromazine

(2) Lufenuron

(3) Triflumuron

(4) Diflubenzuron

**Options :**

19088943617. 1

19088943618. 2

19088943619. 3

19088943620. 4

**Question Number : 111 Question Id : 19088910932 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of the following represents fifth generation pyrethroids?

(1) Beta-cyfluthrin

(2) Prallethrin

(3) Cyfluthrin

(4) Zeta-cypermethrin

**Options :**

19088943621. 1

19088943622. 2

19088943623. 3

19088943624. 4

**Question Number : 112 Question Id : 19088910933 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of the following statement is NOT related to sulfonamide drug?

- (1) Thiamine analog
- (2) PABA analog
- (3) Most effective against first generation schizont
- (4) It is more effective as a preventive rather than treatment

**Options :**

19088943625. 1

19088943626. 2

19088943627. 3

19088943628. 4

**Question Number : 113 Question Id : 19088910934 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Orphan vaccine refers to the following

- (1) TSA-9
- (2) TO45W
- (3) TSOL18
- (4) EG95

**Options :**

19088943629. 1

19088943630. 2

19088943631. 3

19088943632. 4

**Question Number : 114 Question Id : 19088910935 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of the following is a invitro test for diagnosis of anthelmintic resistance?

- (1) Larval motility test
- (2) Critical anthelmintic test
- (3) Controlled anthelmintic efficacy test
- (4) Faecal egg count reduction test

**Options :**

- 19088943633. 1
- 19088943634. 2
- 19088943635. 3
- 19088943636. 4

**Question Number : 115 Question Id : 19088910936 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Following statements are true for self cure phenomenon

- (A) It is a immunological reaction occurs in *Haemonchus contortus* infection.
- (B) There is rapid expulsion of existing adult population.
- (C) It is a type of Type-II hypersensitivity reaction.
- (D) This occurs when challenge larvae moult from L<sub>2</sub> to L<sub>3</sub> stage.
- (E) Selfcure reaction is highly specific to the parasitic species.

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) (A), (C) and (E) only

**Options :**

- 19088943637. 1
- 19088943638. 2
- 19088943639. 3
- 19088943640. 4

**Question Number : 116 Question Id : 19088910937 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

A disease of human acquired from animals is termed as

- |                       |                      |
|-----------------------|----------------------|
| (1) Anthropo zoonosis | (2) Zooanthroponosis |
| (3) Amphixenosis      | (4) Meta zoonosis    |

**Options :**

- 19088943641. 1
- 19088943642. 2
- 19088943643. 3
- 19088943644. 4

**Question Number : 117 Question Id : 19088910938 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Following term is used to define disease of domestic animals infected with pathogen of wild life

- |                        |                      |
|------------------------|----------------------|
| (1) Zootherionosis     | (2) Zootithasonosis  |
| (3) Theriotithasonosis | (4) Zooanthroponosis |

**Options :**

- 19088943645. 1
- 19088943646. 2
- 19088943647. 3
- 19088943648. 4

**Question Number : 118 Question Id : 19088910939 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Following statements are true for synthetic pyrethroids except

- |                              |                                 |
|------------------------------|---------------------------------|
| (1) Lipophilic               | (2) Neurotoxic                  |
| (3) Have no repellent effect | (4) Used as contact insecticide |

**Options :**



19088943649. 1

19088943650. 2

19088943651. 3

19088943652. 4

**Question Number : 119 Question Id : 19088910940 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) Live virulent vaccine	(I) LIVACOX
(B) Live attenuated coccidial vaccine	(II) COCCIVAC
(C) Subunit vaccine	(III) COXABIC
(D) Exoantigen	(IV) Pirodog

Choose the correct answer from the options given below :

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

**Options :**

19088943653. 1

19088943654. 2

19088943655. 3

19088943656. 4

**Question Number : 120 Question Id : 19088910941 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

The following is the O.I.E. recommended prescribed test for trichinellosis

- |                          |         |
|--------------------------|---------|
| (1) ELISA                | (2) IFA |
| (3) Agent identification | (4) PCR |

**Options :**

19088943657. 1

19088943658. 2

19088943659. 3

19088943660. 4