

National Testing Agency

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VETERINARY SCIENCE

Group Number :	1
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Is this Group for Examiner? :	No

VETERINARY SCIENCE

Section Id :	21052920
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	120

Number of Questions to be attempted :	120
Section Marks :	480
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	21052920
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 2105291861 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Staphylococcus pseudointermedius can be identified on the basis of following characters

- A. Coagulase negative
- B. Susceptible to polymyxin B
- C. V P test positive
- D. β - galactosidase positive

Choose the correct answer from the options given below:

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

Options :

- 2105297441. 1
- 2105297442. 2
- 2105297443. 3
- 2105297444. 4

Question Number : 2 Question Id : 2105291862 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Contagious acne (Canadian horse pox) is caused by

1. *Rhodococcus equi*
2. *Corynebacterium pseudotuberculosis*
3. Seripox virus
4. *Mucomyces mellaei*

Options :

- 2105297445. 1
- 2105297446. 2
- 2105297447. 3
- 2105297448. 4

Question Number : 3 Question Id : 2105291863 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The following tests can be applied to determine Minimum Inhibitory Concentration (MIC) values against an isolated bacterium

- A. Kirby Bauer method
- B. Broth Dilution method
- C. E – test
- D. Miles Mishra Technique

Choose the correct answer from the options given below:

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

Options :

- 2105297449. 1
- 2105297450. 2

2105297451. 3

2105297452. 4

Question Number : 4 Question Id : 2105291864 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following bacteria produce endospores?

A. *Actinomyces* spp.

B. *Bacillus anthracis*

C. *Nocardia* spp.

D. *Clostridium* spp.

E. *Dermatophillus* spp.

Choose the correct answer from the option below:

1. A and C only

2. C and E only

3. A and E only

4. B and D only

Options :

2105297453. 1

2105297454. 2

2105297455. 3

2105297456. 4

Question Number : 5 Question Id : 2105291865 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Possession of F – 18 Fimbriae and production of Stx2e toxin and haemolysin is related to which pathotype of *Escherichia coli*

1. Enterotoxigenic
2. Shigatoxigenic
3. Septicaemic
4. Uropathogenic

Options :

2105297457. 1
2105297458. 2
2105297459. 3
2105297460. 4

Question Number : 6 Question Id : 2105291866 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Brucella abortus Indian Biovar(s) has following characteristics:

- A. It is modified Z N staining negative
- B. It is grown under 5 – 10% CO₂ concentration
- C. It is urease positive
- D. It is non-H₂S producer
- E. Thayer Martin medium does not show its growth

Choose the correct answer from the options given below:

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

Options :

- 2105297461. 1
- 2105297462. 2
- 2105297463. 3
- 2105297464. 4

Question Number : 7 Question Id : 2105291867 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Enzootic abortion of ewes (EAE) is caused by

- 1. *Campylobacter fetus fetus*
- 2. *Chlamydophila abortus*
- 3. *Ehrlichia ovina*
- 4. *Corynebacterium pseudotuberculosis*

Options :

- 2105297465. 1
- 2105297466. 2
- 2105297467. 3
- 2105297468. 4

Question Number : 8 Question Id : 2105291868 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I: *Trichophyton mentagrophyte* perforates hair shaft and produces wedge-shaped areas in hair perforation test

Statement II: Hair perforation test is used to distinguish *Trichophyton mentagrophyte* from *Trichophyton rubrum*

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 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 :

2105297469. 1

2105297470. 2

2105297471. 3

2105297472. 4

Question Number : 9 Question Id : 2105291869 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which among the following is a primary binding/serological test

1. ELISA
2. Bacterial Agglutination
3. Complement Fixation
4. Gel Precipitation

Options :

2105297473. 1

2105297474. 2

2105297475. 3

2105297476. 4

Question Number : 10 Question Id : 2105291870 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

On daily basis, which immunoglobulin is produced in maximum amount

1. IgG
2. IgM
3. IgA
4. IgE

Options :

2105297477. 1

2105297478. 2

2105297479. 3

2105297480. 4

Question Number : 11 Question Id : 2105291871 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following animals has Type – II Peyer's Patches which are located at random intervals in ileum and jejunum?

1. Cattle
2. Pigs
3. Horses
4. Rabbits

Options :

2105297481. 1

2105297482. 2

2105297483. 3

2105297484. 4

Question Number : 12 Question Id : 2105291872 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The viruses belonging to family Parvoviridae have the following characters:

- A. Icosahedral asymmetry
- B. Enveloped virion
- C. Single stranded RNA
- D. Single stranded DNA
- E. Replication in nucleus of host cell

Choose the correct answer from the options given below:

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

Options :

- 2105297485. 1
- 2105297486. 2
- 2105297487. 3
- 2105297488. 4

Question Number : 13 Question Id : 2105291873 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which among the following acts as entry receptor of Rabies virus?

1. Heparin Sulphate
2. Acetylcholine
3. ICAM – I
4. Dopamine

Options :

2105297489. 1
2105297490. 2
2105297491. 3
2105297492. 4

Question Number : 14 Question Id : 2105291874 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Nipah virus belongs to which genus of the family Paramyxoviridae?

1. Respirovirus
2. Avula virus
3. Henipavirus
4. Rubula virus

Options :

2105297493. 1
2105297494. 2
2105297495. 3
2105297496. 4

Question Number : 15 Question Id : 2105291875 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which ELISA is used to differentiate between infected and vaccinated animal in Foot and Mouth disease?

1. Liquid Phase Blocking ELISA
2. NSP (Non-Structural Protein) based ELISA
3. Sandwich ELISA
4. DOT ELISA

Options :

- 2105297497. 1
- 2105297498. 2
- 2105297499. 3
- 2105297500. 4

Question Number : 16 Question Id : 2105291876 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which type of necrosis is noticed in abscess?

1. Fat necrosis
2. Liquefactive necrosis
3. Coagulative necrosis
4. Caseous necrosis

Options :

- 2105297501. 1
- 2105297502. 2
- 2105297503. 3
- 2105297504. 4

Question Number : 17 Question Id : 2105291877 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Horn cancer is a malignant tumour of which type of cells?

1. Squamous
2. Columnar
3. Cuboidal
4. Transitional

Options :

2105297505. 1
2105297506. 2
2105297507. 3
2105297508. 4

Question Number : 18 Question Id : 2105291878 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In tuberculin testing, which of the following types of reaction is shown by the animal?

- A. Active allergic reaction
- B. Cytotoxic hypersensitivity
- C. Delayed hypersensitivity
- D. Arthus reaction
- E. Auto-immune reaction

Choose the correct answer from the options given below:

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

Options :

2105297509. 1
2105297510. 2
2105297511. 3

2105297512. 4

Question Number : 19 Question Id : 2105291879 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In ruminants, acetonemia is primarily seen due to

- A. Disorders of carbohydrate metabolism
- B. Disorders of fat metabolism
- C. Disorders of protein metabolism
- D. Disorder of B-complex vitamins
- E. Deficiency of calcium and magnesium

Choose the correct answer from the options given below:

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

Options :

2105297513. 1

2105297514. 2

2105297515. 3

2105297516. 4

Question Number : 20 Question Id : 2105291880 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which type of stomatitis is produced in case of actinomycosis?

1. Fibrinous
2. Ulcerative
3. Sclerosing
4. Necrotic

Options :

- 2105297517. 1
- 2105297518. 2
- 2105297519. 3
- 2105297520. 4

Question Number : 21 Question Id : 2105291881 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

On post-mortem examination, cloudiness of air sac membrane with pericarditis and fibrinous perihepatitis are noticed in which disease?

1. Avian influenza
2. Chronic respiratory disease
3. Egg peritonitis
4. Colibacillosis

Options :

- 2105297521. 1
- 2105297522. 2
- 2105297523. 3
- 2105297524. 4

Question Number : 22 Question Id : 2105291882 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

To assess the function of liver, we can use following tests in dog

- A. BSP clearance test
- B. Estimation of LDH enzyme
- C. Estimation of bilirubin
- D. Trypsin test
- E. Test for malabsorption of intestine

Choose the correct answer from the options given below:

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

Options :

2105297525. 1

2105297526. 2

2105297527. 3

2105297528. 4

Question Number : 23 Question Id : 2105291883 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The primary causes of non-inflammatory edema include

- A. Increased intravascular hydrostatic pressure
- B. Increased vascular permeability
- C. Increased colloid osmotic pressure
- D. Lymphatic obstruction
- E. Electrocutation

Choose the correct answer from the options given below:

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

Options :

2105297529. 1

2105297530. 2

2105297531. 3

2105297532. 4

Question Number : 24 Question Id : 2105291884 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In cirrhosis of liver, following post-mortem findings are recorded

- A. Presence of normal architecture
- B. Fatty infiltration
- C. Degeneration of hepatocytes
- D. Loss of intracellular connective tissue matrix
- E. Atrophy of the liver

Choose the correct answer from the options given below

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

Options :

- 2105297533. 1
- 2105297534. 2
- 2105297535. 3
- 2105297536. 4

Question Number : 25 Question Id : 2105291885 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In Haematoxylin and Eosin staining, mucin takes following colour:

- 1. Blue
- 2. Pink
- 3. Violet
- 4. Yellow

Options :

- 2105297537. 1
- 2105297538. 2
- 2105297539. 3

2105297540. 4

Question Number : 26 Question Id : 2105291886 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Holometabola belongs to which group of insects?

1. Ticks
2. Fleas
3. Lice
4. Bugs

Options :

- 2105297541. 1
- 2105297542. 2
- 2105297543. 3
- 2105297544. 4

Question Number : 27 Question Id : 2105291887 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following morphological features is related to *Trichuris ovis*?

1. Spirally coiled spicule
2. Whip like appearance of the parasite
3. Presence of leaf crowns
4. Boot shaped spicules

Options :

- 2105297545. 1
- 2105297546. 2
- 2105297547. 3
- 2105297548. 4

Question Number : 28 Question Id : 2105291888 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Obtectate type of pupa is characteristic of

1. Psychodidae
2. Tabanidae
3. Ostreidae
4. Calliphoridae

Options :

- 2105297549. 1
- 2105297550. 2
- 2105297551. 3
- 2105297552. 4

Question Number : 29 Question Id : 2105291889 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Larval stage of which parasite is found in the peritoneal cavity of sheep?

1. *Echinococcus multilocularis*
2. *Taenia hydatigena*
3. *Taenia saginata*
4. *Taenia solium*

Options :

- 2105297553. 1
- 2105297554. 2
- 2105297555. 3
- 2105297556. 4

Question Number : 30 Question Id : 2105291890 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Select the correct sequence of *Schistosoma nasale* life cycle

- A. Redia
- B. Cercaria
- C. Miracidium
- D. Sporocyst
- E. Metacercaria

Choose the correct answer from the options given below:

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

Options :

- 2105297557. 1
- 2105297558. 2
- 2105297559. 3
- 2105297560. 4

Question Number : 31 Question Id : 2105291891 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The mode of infection of *Toxocara canis* is

- A. Ingestion of infective eggs
- B. Direct skin penetration
- C. Aerosol route of transmission
- D. Lactogenic route of infection
- E. Ingestion of infected paratenic host

Choose the correct answer from the options given below:

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

Options :

- 2105297561. 1
- 2105297562. 2
- 2105297563. 3
- 2105297564. 4

Question Number : 32 Question Id : 2105291892 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which of the following clinical signs is NOT normally present in Babesia infections in cattle?

- 1. Jaundice
- 2. Lymphadenopathy
- 3. Haemoglobinuria
- 4. Intravascular coagulation

Options :

- 2105297565. 1
- 2105297566. 2
- 2105297567. 3
- 2105297568. 4

Question Number : 33 Question Id : 2105291893 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which of the following are burrowing mites?

- A. *Sarcoptes scabiei*
- B. *Psoroptes ovis*
- C. *Notoedres cati*
- D. *Chorioptes bovis*
- E. *Cnemidocoptes mutans*

Choose the correct answer from the options given below:

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

Options :

- 2105297569. 1
- 2105297570. 2
- 2105297571. 3
- 2105297572. 4

Question Number : 34 Question Id : 2105291894 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

**Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

List I	List II
A. Husk or Hoose	I. <i>Strongylus vulgaris</i>
B. Verminous endarteritis	II. <i>Ancylostoma caninum</i>
C. Anaemia in pups	III. <i>Dictyocaulus viviparus</i>
D. Visceral larva migrans	IV. <i>Toxocara canis</i>

Choose the correct answer from the options given below:

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

Options :

- 2105297573. 1
- 2105297574. 2
- 2105297575. 3
- 2105297576. 4

**Question Number : 35 Question Id : 2105291895 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

Given below are two statements:

Statement I: Kumri is a condition caused by *Setaria digitata* in cattle

Statement II: The pathogenic effects in cattle are mainly due to erratic migration of mature worms in the Central Nervous System

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 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 :

2105297577. 1

2105297578. 2

2105297579. 3

2105297580. 4

Question Number : 36 Question Id : 2105291896 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following is an INCORRECT pair?

1. *Strongylus vulgaris* – Aneurysm
2. *Cysticercus tenuicollis* – Gid
3. Hydatid cyst – Pressure atrophy
4. *Stephanofilaria assamensis* – Hump sore

Options :

2105297581. 1

2105297582. 2

2105297583. 3

2105297584. 4

Question Number : 37 Question Id : 2105291897 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Sabin-Feldman dye test	I. Trypanosomiasis
B. Knott's Technique	II. Anaplasmosis
C. Capillary tube agglutination	III. Filariasis
D. Animal inoculation test	IV. Toxoplasmosis

Choose the correct answer from the options given below:

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

Options :

2105297585. 1
2105297586. 2
2105297587. 3
2105297588. 4

Question Number : 38 Question Id : 2105291898 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which of the following materials is used as an antigen in Casoni's test?

1. Hydatid fluid
2. Adult worm
3. Egg
4. Protoscolices

Options :

2105297589. 1
2105297590. 2
2105297591. 3
2105297592. 4

Question Number : 39 Question Id : 2105291899 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Specific gravity is the principle involved in the following methods of faecal examination

- A. Direct smear method
- B. Lanes technique
- C. Agglutination test
- D. Willis technique
- E. Faecal trypsin test

Choose the correct answer from the options given below:

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

Options :

- 2105297593. 1
- 2105297594. 2
- 2105297595. 3
- 2105297596. 4

Question Number : 40 Question Id : 2105291900 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I: Macrocyclic lactone (ivermectin) is not effective against trematodes and cestodes

Statement II: The inhibitory neurotransmitter present in trematodes and cestodes is glycine

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 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 :

- 2105297597. 1
- 2105297598. 2
- 2105297599. 3
- 2105297600. 4

Question Number : 41 Question Id : 2105291901 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Haemonchosis	I. Diminazene aceturate
B. Cestodiasis	II. Amprolium
C. Babesiosis	III. Praziquantel
D. Coccidiosis	IV. Fenbendazole

Choose the correct answer from the options given below:

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

Options :

- 2105297601. 1
- 2105297602. 2
- 2105297603. 3
- 2105297604. 4

Question Number : 42 Question Id : 2105291902 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following fungi is used for biological control of nematodes?

1. *Beauveria bassiana*
2. *Duddingtonia flagrans*
3. *Aspergillus niger*
4. *Metarhizium anisopliae*

Options :

- 2105297605. 1
- 2105297606. 2
- 2105297607. 3

2105297608. 4

Question Number : 43 Question Id : 2105291903 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Insecticide resistance can be avoided by

1. Frequent change of insecticides
2. Continuous use of same insecticide for a long time
3. Change of group of insecticides
4. Use of higher doses of insecticides

Options :

- 2105297609. 1
- 2105297610. 2
- 2105297611. 3
- 2105297612. 4

Question Number : 44 Question Id : 2105291904 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

A new class of anthelmintic monepantel is member of

1. Amidine group
2. Salicylanilide group
3. Amino-acetonitrile derivatives
4. Macrocyclic lactone

Options :

- 2105297613. 1
- 2105297614. 2
- 2105297615. 3
- 2105297616. 4

Question Number : 45 Question Id : 2105291905 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A subunit vaccine of Coxsackievirus contains

1. Precocious line *Eimeria tenella*
2. Gametocytes of *Eimeria brunetti*
3. Schizonts of *Eimeria necatrix*
4. Gametocytes of *Eimeria maxima*

Options :

2105297617. 1

2105297618. 2

2105297619. 3

2105297620. 4

Question Number : 46 Question Id : 2105291906 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Phonendoscope was invented by

1. Bazzi and Bianchi
2. Landsteiner
3. Anderson
4. Leevancock

Options :

2105297621. 1

2105297622. 2

2105297623. 3

2105297624. 4

Question Number : 47 Question Id : 2105291907 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following is an ideal transducer for doing ultrasonographic examination of reticulum in a cow?

1. 3.5 MHz linear transducer
2. 5.0 MHz transducer
3. 7.5 MHz transducer
4. 8.5 MHz transducer

Options :

2105297625. 1
2105297626. 2
2105297627. 3
2105297628. 4

Question Number : 48 Question Id : 2105291908 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Signs of neo-natal hypoglycemia in piglets occur when the blood glucose levels falls to about

1. 50 mg/dL
2. 80 mg/dL
3. 120 mg/dL
4. 180 mg/dL

Options :

2105297629. 1
2105297630. 2
2105297631. 3
2105297632. 4

Question Number : 49 Question Id : 2105291909 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Upper gastrointestinal endoscopy helps in the diagnosis of

- A. Hypertrophic gastritis
- B. Abnormal motility
- C. Esophagitis
- D. Enteritis
- E. Colitis

Choose the correct answer from the options given below:

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

Options :

2105297633. 1

2105297634. 2

2105297635. 3

2105297636. 4

Question Number : 50 Question Id : 2105291910 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In which disease condition, recurrent bloat is seen

- A. Diaphragmatic hernia
- B. Legume bloat
- C. Enteritis
- D. Vagal indigestion
- E. Rhinitis

Choose the correct answer from the options given below:

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

Options :

- 2105297637. 1
- 2105297638. 2
- 2105297639. 3
- 2105297640. 4

Question Number : 51 Question Id : 2105291911 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Abnormal gastric distension causes dog sitting posture which is common among

- 1. Cattle
- 2. Sheep and Goat
- 3. Pigs
- 4. Horses

Options :

- 2105297641. 1
- 2105297642. 2
- 2105297643. 3

2105297644. 4

Question Number : 52 Question Id : 2105291912 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Theiler's disease is the most common cause of acute hepatitis in

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

Options :

2105297645. 1

2105297646. 2

2105297647. 3

2105297648. 4

Question Number : 53 Question Id : 2105291913 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In dogs, irregular pulse in femoral artery is indicative of

- A. Myocardial damage
- B. Nephritis
- C. Hepatitis
- D. Brain disease
- E. Pancreatitis

Choose the correct answer from the options given below:

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

Options :

- 2105297649. 1
- 2105297650. 2
- 2105297651. 3
- 2105297652. 4

Question Number : 54 Question Id : 2105291914 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In dogs, weighing 10 Kg BW, functional concentration of 30-40% oxygen can be achieved through an in venous catheter positioned transtracheally if the flow rate of oxygen is

- 1. 1 – 2 L / min
- 2. 3.5 L / min
- 3. 6 – 7 L / min
- 4. 10 L / min

Options :

- 2105297653. 1

2105297654. 2

2105297655. 3

2105297656. 4

Question Number : 55 Question Id : 2105291915 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In acidic urine, we may observe the following type of crystals during microscopic examination

- A. Uric Acid
- B. Triple phosphate
- C. Calcium oxalate
- D. Hippuric acid
- E. Amorphous phosphate

Choose the correct answer from the options given below:

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

Options :

2105297657. 1

2105297658. 2

2105297659. 3

2105297660. 4

Question Number : 56 Question Id : 2105291916 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Gag reflex test is carried out to test the cranial nerve namely

1. Glossopharyngeal
2. Oculomotor
3. Trochlear
4. Facial

Options :

- 2105297661. 1
- 2105297662. 2
- 2105297663. 3
- 2105297664. 4

Question Number : 57 Question Id : 2105291917 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Choosing the forelegs in a postural abnormality occurs during fracture of 3rd phalanges in case of

1. Cattle
2. Dogs
3. Horses
4. Sheep and Goat

Options :

- 2105297665. 1
- 2105297666. 2
- 2105297667. 3
- 2105297668. 4

Question Number : 58 Question Id : 2105291918 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Sertoli Cell Tumour is most likely to occur

1. In ovary of queen cat
2. In ovary of 8-12 year old bitch
3. In retained testicle of 7 year old dog
4. In distal limb of 6 month old dog

Options :

- 2105297669. 1
- 2105297670. 2
- 2105297671. 3
- 2105297672. 4

Question Number : 59 Question Id : 2105291919 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

What is the range of pH of normal cow milk?

1. 6.6 – 6.8
2. 5.6 – 6.5
3. 7.4 – 7.8
4. 8.6 – 9.0

Options :

- 2105297673. 1
- 2105297674. 2
- 2105297675. 3
- 2105297676. 4

Question Number : 60 Question Id : 2105291920 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

What is the appropriate time for injection of Vitamin D₃ to prevent occurrence of Milk fever?

1. One month before calving
2. 1 week before calving
3. 2 weeks before calving
4. 3 weeks before calving

Options :

2105297677. 1
2105297678. 2
2105297679. 3
2105297680. 4

Question Number : 61 Question Id : 2105291921 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Contagious mastitis	I. <i>Escherichia Coli</i>
B. Summer mastitis	II. <i>Arcanobacterium pyogenes</i>
C. Environmental mastitis	III. <i>Staphylococcus aureus</i>
D. Fungal mastitis	IV. <i>Trichosporon spp.</i>

Choose the correct answer from the options given below:

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

Options :

2105297681. 1
2105297682. 2
2105297683. 3

2105297684. 4

Question Number : 62 Question Id : 2105291922 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. 8th Cranial nerve	I. Occult blood test
B. Traumatic Reticulo Peritonitis	II. Menace test
C. 2nd Cranial nerve	III. Pole test
D. Abomasal ulcer	IV. Colorie test

Choose the correct answer from the options given below:

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

Options :

2105297685. 1

2105297686. 2

2105297687. 3

2105297688. 4

Question Number : 63 Question Id : 2105291923 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Congestive Heart failure	I. Large size Leak
B. Acute Heart failure	II. Moderate size leak
C. Cardiac Murmur	III. Severe pale mucous membrane
D. Cardiac Thrill	IV. Exercise intolerance

Choose the correct answer from the options given below:

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

Options :

- 2105297689. 1
- 2105297690. 2
- 2105297691. 3
- 2105297692. 4

Question Number : 64 Question Id : 2105291924 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Cysteine Crystals	I. Vagus Nerve
B. Struvite Crystals	II. L7 – S1
C. Gag reflex	III. Alkaline urine
D. Gastrocnemius reflex	IV. Acidic Urine

Choose the correct answer from the options given below:

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

Options :

2105297693. 1
2105297694. 2
2105297695. 3
2105297696. 4

Question Number : 65 Question Id : 2105291925 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Stiff lamb disease	I. Myoglobinuria
B. Azoturia	II. Parasitic myositis
C. <i>Trichinella spiralis</i>	III. White muscle disease
D. Black quarter	IV. Gangrenous myositis

Choose the correct answer from the options given below:

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

Options :

2105297697. 1
2105297698. 2
2105297699. 3
2105297700. 4

Question Number : 66 Question Id : 2105291926 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Hyperadrenocorticism	I. Obesity
B. Vitamin-E and Selenium	II. Muscular dystrophy
C. Scabies	III. Postural reactions
D. Spinal Cord disease	IV. Intense pruritis

Choose the correct answer from the options given below:

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

Options :

2105297701. 1
2105297702. 2
2105297703. 3
2105297704. 4

Question Number : 67 Question Id : 2105291927 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Uremia in dogs	I. Lower urinary tract infection
B. Canine Pemphigus	II. Increased senso motor stimulation
C. Mania	III. Autoimmune disease
D. Pollakuria	IV. Tongue tip necrosis

Choose the correct answer from the options given below:

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

Options :

- 2105297705. 1
- 2105297706. 2
- 2105297707. 3
- 2105297708. 4

Question Number : 68 Question Id : 2105291928 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I

In cattle, ultrasonography is superior for visualization of small volumes of pleural fluid

Statement II

The pleural fluid can be detected by auscultation and acoustic percussion

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 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 :

2105297709. 1

2105297710. 2

2105297711. 3

2105297712. 4

Question Number : 69 Question Id : 2105291929 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

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

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I

Cystitis is usually NOT associated with a bacterial infection

Statement II

It is clinically characterized by pollakiuria, dysuria, and hematuria

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 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 :

- 2105297713. 1
- 2105297714. 2
- 2105297715. 3
- 2105297716. 4

Question Number : 70 Question Id : 2105291930 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I

The general principles of mastitis control is unsuccessful for the control of coliform mastitis

Statement II

Because infection of the mammary gland occurs by direct contact with the environment usually between milkings

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 :

2105297717. 1

2105297718. 2

2105297719. 3

2105297720. 4

Question Number : 71 Question Id : 2105291931 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Reconstructive surgery is surgery done for

1. The correction of deformities
2. Preserving a disabled part
3. Removal of root cause of disease
4. The confirmation of a diagnosis

Options :

- 2105297721. 1
- 2105297722. 2
- 2105297723. 3
- 2105297724. 4

Question Number : 72 Question Id : 2105291932 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The fracture of proximal end of ulna is known as

1. Monteggia's fracture
2. Colle's fracture
3. Avulsion fracture
4. Supra condylar fracture

Options :

- 2105297725. 1
- 2105297726. 2
- 2105297727. 3
- 2105297728. 4

Question Number : 73 Question Id : 2105291933 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

What percentage of the medullar cavity of the fractured bone should the narrowest point of the intramedullary pin fill?

1. 50 percent
2. 100 percent
3. 40 percent
4. 65 – 75 percent

Options :

2105297729. 1
2105297730. 2
2105297731. 3
2105297732. 4

Question Number : 74 Question Id : 2105291934 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

An example of tendon suture is

1. Parker-Kerr
2. Bunnel
3. Far-Far-Near-Near
4. Far-Near-Near-Far

Options :

2105297733. 1
2105297734. 2
2105297735. 3
2105297736. 4

Question Number : 75 Question Id : 2105291935 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The site of incision for pericardiotomy in bovines is

1. Along the fifth rib on the left side
2. Along the sixth rib on the right side
3. Along the fifth rib on the right side
4. Post xiphoid incision

Options :

- 2105297737. 1
- 2105297738. 2
- 2105297739. 3
- 2105297740. 4

Question Number : 76 Question Id : 2105291936 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Ingluviotomy in chicken is indicated for the

1. Prevention of indiscriminate breeding
2. Management of impaction of crop
3. Fattening of cockerels
4. Prevention from flying

Options :

- 2105297741. 1
- 2105297742. 2
- 2105297743. 3
- 2105297744. 4

Question Number : 77 Question Id : 2105291937 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

During rumenotomy the rumen is fixed to the skin by using

1. Balfour's frame
2. Weingarh's frame
3. Finochietto frame
4. Gelpi frame

Options :

- 2105297745. 1
- 2105297746. 2
- 2105297747. 3
- 2105297748. 4

Question Number : 78 Question Id : 2105291938 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Multi fragmented fracture fixation in dogs with dynamic compression plate is called

1. Neutralization Plating
2. Dynamic Compression Plating
3. Reconstruction Plating
4. Buttress Plating

Options :

- 2105297749. 1
- 2105297750. 2
- 2105297751. 3
- 2105297752. 4

Question Number : 79 Question Id : 2105291939 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The wound is known as infected if the bacterial count exceeds

1. 10^5 number of bacteria per gram of tissue
2. 10^6 number of bacteria per gram of tissue
3. 10^2 number of bacteria per gram of tissue
4. 10^8 number of bacteria per gram of tissue

Options :

2105297753. 1
2105297754. 2
2105297755. 3
2105297756. 4

Question Number : 80 Question Id : 2105291940 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Epiplocele	I. Uterus
B. Vesicocele	II. Omentum
C. Hysterocele	III. Umbilical region
D. Omphalocele	IV. Bladder

Choose the correct answer from the options given below:

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

Options :

2105297757. 1

2105297758. 2

2105297759. 3

2105297760. 4

Question Number : 81 Question Id : 2105291941 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Colour code of nitrous oxide cylinder in India is

1. White
2. Blue
3. Grey
4. Orange

Options :

2105297761. 1

2105297762. 2

2105297763. 3

2105297764. 4

Question Number : 82 Question Id : 2105291942 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The adverse effect of xylazine hydrochloride is reversed with the use of

- A. Neostigmine
- B. Atropine sulphate
- C. Acetyl choline
- D. Yohimbine hydrochloride
- E. Dopamine

Choose the correct answer from the options given below:

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

Options :

- 2105297765. 1
- 2105297766. 2
- 2105297767. 3
- 2105297768. 4

Question Number : 83 Question Id : 2105291943 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The maximum dose rate of lignocaine hydrochloride in goat should not exceed

- 1. 20 mg/kg Body Weight
- 2. 30 mg/kg Body Weight
- 3. 10 mg/kg Body Weight
- 4. 40 mg/kg Body Weight

Options :

- 2105297769. 1
- 2105297770. 2
- 2105297771. 3

2105297772. 4

Question Number : 84 Question Id : 2105291944 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Ketamine hydrochloride is under the category of

1. Sedative drug
2. Analgesic drug
3. Muscle relaxant
4. Dissociative anesthetic

Options :

2105297773. 1

2105297774. 2

2105297775. 3

2105297776. 4

Question Number : 85 Question Id : 2105291945 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Atropine sulphate is contraindicated in the patients suffering from

- A. Heart failure
- B. Dyspnea
- C. Pre-existing tachycardia
- D. Vomition
- E. Enteritis

Choose the correct answer from the options given below:

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

Options :

- 2105297777. 1
- 2105297778. 2
- 2105297779. 3
- 2105297780. 4

Question Number : 86 Question Id : 2105291946 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Nerve block for enucleation of eye ball in cattle is

- 1. Paravertebral
- 2. Retrobulbar
- 3. Supra orbital
- 4. Cornual

Options :

- 2105297781. 1
- 2105297782. 2

2105297783. 3

2105297784. 4

Question Number : 87 Question Id : 2105291947 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

For queen cat, balanced anesthesia involves administration of a sequence of the following drugs

- A. Ketamine hydrochloride
- B. Atropine Sulphate
- C. Diazepam
- D. Xylazine hydrochloride

Choose the correct answer from the options given below:

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

Options :

2105297785. 1

2105297786. 2

2105297787. 3

2105297788. 4

Question Number : 88 Question Id : 2105291948 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Part Film Distance (PFD) in radiography must be

1. 0 cm
2. 80 – 90 cm
3. 100 – 110 cm
4. 120 – 130 cm

Options :

- 2105297789. 1
- 2105297790. 2
- 2105297791. 3
- 2105297792. 4

Question Number : 89 Question Id : 2105291949 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A setting in an X-ray machine indicates

1. Tubular current
2. Filament current
3. Potential difference
4. Frequency

Options :

- 2105297793. 1
- 2105297794. 2
- 2105297795. 3
- 2105297796. 4

Question Number : 90 Question Id : 2105291950 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

X-rays are classified as hard and soft based on the following characters

- A. Density
- B. Current
- C. Penetrating power
- D. Wavelength
- E. Frequency

Choose the correct answer from the options given below:

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

Options :

- 2105297797. 1
- 2105297798. 2
- 2105297799. 3
- 2105297800. 4

Question Number : 91 Question Id : 2105291951 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Milliamperage (mA) setting in an X – ray machine decides the

- 1. Quality of the X-rays
- 2. Quantity of the X-rays
- 3. Intensity of ionization
- 4. Direction of X-rays

Options :

- 2105297801. 1
- 2105297802. 2
- 2105297803. 3

2105297804. 4

Question Number : 92 Question Id : 2105291952 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Dacrocystorhinography	I. Encephalomalacia
B. Intravenous pyelography	II. Salivary gland
C. EEG	III. Kidney and ureters
D. Sialography	IV. Urinary bladder

Choose the correct answer from the options given below:

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

Options :

2105297805. 1

2105297806. 2

2105297807. 3

2105297808. 4

Question Number : 93 Question Id : 2105291953 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Split estrus is seen in

1. Buffaloes
2. Pigs
3. Goat
4. Bitch

Options :

2105297809. 1
2105297810. 2
2105297811. 3
2105297812. 4

Question Number : 94 Question Id : 2105291954 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Primary uterine inertia can be treated with

1. Estrogen
2. Progesterone
3. Prostaglandin F₂α
4. Combination of oxytocin and calcium

Options :

2105297813. 1
2105297814. 2
2105297815. 3
2105297816. 4

Question Number : 95 Question Id : 2105291955 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Prolonged estrus sign in cattle is seen in

1. Cystic follicle
2. Para ovarian cyst
3. Delayed ovulation
4. Luteal cyst

Options :

2105297817. 1
2105297818. 2
2105297819. 3
2105297820. 4

Question Number : 96 Question Id : 2105291956 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I

Potato soup coloured discharge in cattle is seen in *Trichomonas* infection

Statement II

Pyomelia in cattle is caused by *Trichomonas* infection

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 :

2105297821. 1

2105297822. 2

2105297823. 3

2105297824. 4

Question Number : 97 Question Id : 2105291957 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Fetal dystocia	I. 0.25 ml
B. Isthmo-ampullary junction of fallopian tube	II. Infertility
C. Negative energy balance	III. Common in polytocous species
D. French mini straw	IV. Fertilization

Choose the correct answer from the options given below:

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

Options :

2105297825. 1

2105297826. 2

2105297827. 3

2105297828. 4

Question Number : 98 Question Id : 2105291958 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

β - Carotene is a rich source of

1. Protein
2. Vitamin-E
3. Vitamin-D
4. Vitamin-A

Options :

2105297829. 1
2105297830. 2
2105297831. 3
2105297832. 4

Question Number : 99 Question Id : 2105291959 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The early embryo in the uterus is nourished by

1. Yolk sac
2. Blastocoel
3. Histotrophic nutrition
4. Endometrium

Options :

2105297833. 1
2105297834. 2
2105297835. 3
2105297836. 4

Question Number : 100 Question Id : 2105291960 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Spinnbarkeit test of the cervical mucus is used to measure

1. Fern pattern
2. Elasticity
3. pH
4. Viscosity

Options :

- 2105297837. 1
- 2105297838. 2
- 2105297839. 3
- 2105297840. 4

Question Number : 101 Question Id : 2105291961 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Ovulation during primary oocyte stage occurs in which of the following species?

- A. Cow
- B. Buffalo
- C. Bitch
- D. Mare
- E. Goat

Choose the correct answer from the options given below:

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

Options :

- 2105297841. 1
- 2105297842. 2
- 2105297843. 3

2105297844. 4

**Question Number : 102 Question Id : 2105291962 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

White heifers' disease is associated with

1. Cystic ovary
2. Uterus unicornis
3. Ovarian hypoplasia
4. Para ovarian cyst

Options :

2105297845. 1

2105297846. 2

2105297847. 3

2105297848. 4

**Question Number : 103 Question Id : 2105291963 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

Given below are two statements:

Statement I

Trichomoniasis in bulls can be diagnosed by examination of serum using MAT test

Statement II

Brucellosis in cattle causes disease of the placenta

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 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 :

- 2105297849. 1
- 2105297850. 2
- 2105297851. 3
- 2105297852. 4

Question Number : 104 Question Id : 2105291964 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

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

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I

Oxytocin is secreted from the hypothalamus in cattle

Statement II

Oxytocin is secreted from the ovary in cattle

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 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 :

- 2105297853. 1
- 2105297854. 2
- 2105297855. 3
- 2105297856. 4

Question Number : 105 Question Id : 2105291965 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

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

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Hydroallantois	I. Cabergoline
B. Mummified fetus	II. Bloated bull frog
C. ECG	III. Persistent corpus luteum
D. Pseudo pregnancy in bitch	IV. Placental hormone

Choose the correct answer from the options given below:

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

Options :

- 2105297857. 1
- 2105297858. 2
- 2105297859. 3
- 2105297860. 4

Question Number : 106 Question Id : 2105291966 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Cubones test	I. Induction of parturition in mare
B. Endometrial cups	II. Prevention of uterine contractions
C. Oxytocin	III. ECG
D. Tocolysis	IV. Estrogen

Choose the correct answer from the options given below:

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

Options :

- 2105297861. 1
- 2105297862. 2
- 2105297863. 3
- 2105297864. 4

Question Number : 107 Question Id : 2105291967 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

α – Fetoprotein causes

1. De-feminization of surge of center of hypothalamus
2. Atrophy of the pituitary gland
3. Differentiation of male and female sex
4. Atrophy of gonads

Options :

- 2105297865. 1
- 2105297866. 2
- 2105297867. 3

2105297868. 4

Question Number : 108 Question Id : 2105291968 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Fetal sex determination using ultrasonography can be done in cattle between

1. 10-30 days
2. 60-80 days
3. 120-140 days
4. 160-190 days

Options :

2105297869. 1

2105297870. 2

2105297871. 3

2105297872. 4

Question Number : 109 Question Id : 2105291969 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Increase in progesterone level is required for ovulation in which species

- A. Mare
- B. Bitch
- C. Cattle
- D. Camel
- E. Goat

Choose the correct answer from the options given below:

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

Options :

- 2105297873. 1
- 2105297874. 2
- 2105297875. 3
- 2105297876. 4

Question Number : 110 Question Id : 2105291970 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I

Male feminizing syndrome in dogs occurs due to Sertoli Cell tumour

Statement II

Gynaecomastia in male feminizing syndrome occurs due to tumour of Leydig cell

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 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 :

2105297877. 1

2105297878. 2

2105297879. 3

2105297880. 4

Question Number : 111 Question Id : 2105291971 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

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

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Increased prolactin	I. Termination of pregnancy in bitches without side effects
B. Cabergoline	II. Treatment of pyometra in bitches
C. Mifepristone	III. Induction of estrus in bitches
D. Prostaglandin F _{2α}	IV. Pseudopregnancy

Chose the correct answer from the options given below:

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

Options :

2105297881. 1
2105297882. 2
2105297883. 3
2105297884. 4

Question Number : 112 Question Id : 2105291972 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Potency of a drug is inversely proportional to

1. Dose
2. Concentration
3. Response
4. Formulation

Options :

2105297885. 1

2105297886. 2

2105297887. 3

2105297888. 4

Question Number : 113 Question Id : 2105291973 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

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

Correct Marks : 4 Wrong Marks : 1

Which of the following phase I enzymes has major contribution in drug metabolism?

A. CYP2A6

B. CYP2D6

C. CYP3A4

D. CYP2D9

E. CYP3A9

Choose the correct answer from the options given below:

1. A and B only

2. D and E only

3. C only

4. E only

Options :

2105297889. 1

2105297890. 2

2105297891. 3

2105297892. 4

Question Number : 114 Question Id : 2105291974 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

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

Correct Marks : 4 Wrong Marks : 1

Which of the following enzyme hydrolyses the acetylcholine?

- A. Acetylcholine transferase
- B. Acetylcholine esterase
- C. Acetylcholine dehydrogenase
- D. Sorbitol dehydrogenase
- E. Monoamine oxidase

Choose the correct answer from the options given below:

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

Options :

- 2105297893. 1
- 2105297894. 2
- 2105297895. 3
- 2105297896. 4

Question Number : 115 Question Id : 2105291975 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Omeprazole produces antacid action by inhibiting

- 1. H1 receptor
- 2. H2 receptor
- 3. H⁺ - K⁺ ATPase
- 4. Na⁺ - K⁺ ATPase

Options :

- 2105297897. 1
- 2105297898. 2
- 2105297899. 3

2105297900. 4

Question Number : 116 Question Id : 2105291976 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The second messenger cAMP is inactivated by

1. Adenyl cyclase
2. Guanylyl cyclase
3. Phospholipase C
4. Phosphodiesterase

Options :

- 2105297901. 1
- 2105297902. 2
- 2105297903. 3
- 2105297904. 4

Question Number : 117 Question Id : 2105291977 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Salbutamol causes bronchodilation by its action on

1. $\alpha - 1$ adrenergic receptor
2. $\alpha - 2$ adrenergic receptor
3. $\beta - 1$ adrenergic receptor
4. $\beta - 2$ adrenergic receptor

Options :

- 2105297905. 1
- 2105297906. 2
- 2105297907. 3
- 2105297908. 4

Question Number : 118 Question Id : 2105291978 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which of the following is used as antidote for cyanide poisoning in bovines?

- A. Sodium EDTA
- B. Sodium nitrite
- C. Sodium thiosulphate
- D. Dimercaprol
- E. BAL

Choose the correct answer from the options given below:

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

Options :

- 2105297909. 1
- 2105297910. 2
- 2105297911. 3
- 2105297912. 4

Question Number : 119 Question Id : 2105291979 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Copper	I. Rice water diarrhoea
B. Arsenic	II. Blind staggers
C. Selenium	III. Damage to fetal nervous system
D. Mercury	IV. Port wine coloured urine

Choose the correct answer from the options given below:

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

Options :

2105297913. 1
2105297914. 2
2105297915. 3
2105297916. 4

Question Number : 120 Question Id : 2105291980 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Ciprofloxacin inhibits the following enzyme in eukaryotic cells

1. Topoisomerase II
2. Topoisomerase IV
3. Alkaline phosphatase
4. Acetyl choline esterase

Options :

2105297917. 1
2105297918. 2
2105297919. 3

2105297920.4