

# National Testing Agency

<b>Question Paper Name :</b>	Veterinary Public Health and Epidemiology 23rd Sep 2020 Shift 2 Set 2
<b>Subject Name :</b>	Veterinary Public Health and Epidemiology
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<b>Actual Answer Key :</b>	Yes

## Veterinary Public Health and Epidemiology

<b>Group Number :</b>	1
<b>Group Id :</b>	71087025
<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>	71087073
<b>Section Number :</b>	1
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory

<b>Number of Questions :</b>	20
<b>Number of Questions to be attempted :</b>	20
<b>Section Marks :</b>	80
<b>Display Number Panel :</b>	Yes
<b>Group All Questions :</b>	Yes
<b>Mark As Answered Required? :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	71087073
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 7108702941 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

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

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

**Options :**

- 71087011761. 1
- 71087011762. 2
- 71087011763. 3
- 71087011764. 4

**Question Number : 2 Question Id : 7108702942 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

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

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

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

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

**Options :**

- 71087011765. 1
- 71087011766. 2
- 71087011767. 3
- 71087011768. 4

**Question Number : 3 Question Id : 7108702943 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

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

Indian agriculture is typically characterized as

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

**Options :**

- 71087011769. 1



71087011770. 2

71087011771. 3

71087011772. 4

**Question Number : 4 Question Id : 7108702944 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

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

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

**Options :**

71087011773. 1

71087011774. 2

71087011775. 3

71087011776. 4

**Question Number : 5 Question Id : 7108702945 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**



Given below are two statements

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

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

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

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

**Options :**

- 71087011777. 1
- 71087011778. 2
- 71087011779. 3
- 71087011780. 4

**Question Number : 6 Question Id : 7108702946 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

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

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

**Options :**

- 71087011781. 1
- 71087011782. 2
- 71087011783. 3
- 71087011784. 4

**Question Number : 7 Question Id : 7108702947 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

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

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

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

**Options :**

- 71087011785. 1
- 71087011786. 2
- 71087011787. 3
- 71087011788. 4

**Question Number : 8 Question Id : 7108702948 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

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

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

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

**Options :**

71087011789. 1

71087011790. 2

71087011791. 3

71087011792. 4

**Question Number : 9 Question Id : 7108702949 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

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

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

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

**Options :**

71087011793. 1

71087011794. 2

71087011795. 3

71087011796. 4

**Question Number : 10 Question Id : 7108702950 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

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

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

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

**Options :**

71087011797. 1



71087011798. 2

71087011799. 3

71087011800. 4

**Question Number : 11 Question Id : 7108702951 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

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

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

**Options :**

71087011801. 1

71087011802. 2

71087011803. 3

71087011804. 4

**Question Number : 12 Question Id : 7108702952 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

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

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

**Options :**

71087011805. 1  
71087011806. 2  
71087011807. 3  
71087011808. 4

**Question Number : 13 Question Id : 7108702953 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

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

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

**Options :**

71087011809. 1  
71087011810. 2  
71087011811. 3  
71087011812. 4

**Question Number : 14 Question Id : 7108702954 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

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

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

**Options :**

- 71087011813. 1
- 71087011814. 2
- 71087011815. 3
- 71087011816. 4

**Question Number : 15 Question Id : 7108702955 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Where is the headquarters of European Union?

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

**Options :**

- 71087011817. 1
- 71087011818. 2
- 71087011819. 3
- 71087011820. 4

**Question Number : 16 Question Id : 7108702956 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

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

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



**Options :**

- 71087011821. 1
- 71087011822. 2
- 71087011823. 3
- 71087011824. 4

**Question Number : 17 Question Id : 7108702957 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

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

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

**Options :**

- 71087011825. 1
- 71087011826. 2
- 71087011827. 3
- 71087011828. 4

**Question Number : 18 Question Id : 7108702958 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

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

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

**Options :**

- 71087011829. 1
- 71087011830. 2
- 71087011831. 3
- 71087011832. 4

**Question Number : 19 Question Id : 7108702959 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Economic liberalization in India started with

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

**Options :**

- 71087011833. 1
- 71087011834. 2
- 71087011835. 3
- 71087011836. 4

**Question Number : 20 Question Id : 7108702960 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

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

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

**Options :**

- 71087011837. 1

71087011838. 2

71087011839. 3

71087011840. 4

## Part B Core Veterinary and Animal Sciences-II

<b>Section Id :</b>	71087074
<b>Section Number :</b>	2
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	50
<b>Number of Questions to be attempted :</b>	50
<b>Section Marks :</b>	200
<b>Display Number Panel :</b>	Yes
<b>Group All Questions :</b>	Yes
<b>Mark As Answered Required? :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	71087074
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 21 Question Id : 7108702961 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**

Bullet-shaped punched holes in the processed hide of cattle is caused by the larvae of

1. *Hypoderma bovis*
2. *Gasterophilus intestinalis*
3. *Glossina pedipalps*
4. *Chrysomya bezziana*

**Options :**

71087011841. 1

71087011842. 2



71087011843. 3

71087011844. 4

**Question Number : 22 Question Id : 7108702962 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

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

Which one of the following is a pupiparous fly?

1. *Oestrus ovis*
2. *Stomoxys calcitrans*
3. *Musca conducens*
4. *Glossina pedipalps*

**Options :**

71087011845. 1

71087011846. 2

71087011847. 3

71087011848. 4

**Question Number : 23 Question Id : 7108702963 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**

Oocysts and *Cryptosporidium* can be demonstrated in faecal smears stained with

1. Giemsa staining
2. Iodine staining
3. Leishman staining
4. Modified ZN staining

**Options :**

71087011849. 1

71087011850. 2

71087011851. 3

71087011852. 4

**Question Number : 24 Question Id : 7108702964 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 winter resting site of the first larvae of *Hypoderma lineatum* is

1. Oesophageal wall
2. Skin
3. Spinal cord
4. Peritoneal cavity

**Options :**

- 71087011853. 1
- 71087011854. 2
- 71087011855. 3
- 71087011856. 4

**Question Number : 25 Question Id : 7108702965 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**

Imidocarb is used for the treatment of

1. Babesiosis
2. Theileriosis
3. Trypanosomosis
4. Trichomonosis

**Options :**

- 71087011857. 1
- 71087011858. 2
- 71087011859. 3
- 71087011860. 4

**Question Number : 26 Question Id : 7108702966 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is**

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

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

Which one of the following is the principal strain of *Echinococcus granulosus* infecting humans?

1. Sheep strain
2. Horse strain
3. Pig strain
4. Camel strain

**Options :**

71087011861. 1  
71087011862. 2  
71087011863. 3  
71087011864. 4

**Question Number : 27 Question Id : 7108702967 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**

Sparganosis in humans is caused by

1. *Linguatula serrata*
2. *Schistocephalus solidus*
3. *Spirometra mansonioides*
4. *Dracunculus medinensis*

**Options :**

71087011865. 1  
71087011866. 2  
71087011867. 3  
71087011868. 4

**Question Number : 28 Question Id : 7108702968 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-generation pre-erythrocytic schizonts of Plasmodium are known as

1. Cryptozoites
2. Meta cryptozoites
3. Phanerozoites
4. Cytomeres

**Options :**

- 71087011869. 1
- 71087011870. 2
- 71087011871. 3
- 71087011872. 4

**Question Number : 29 Question Id : 7108702969 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 cells has the most efficient role in killing schistosomula?

1. Mast cells
2. Eosinophils
3. Neutrophils
4. Basophils

**Options :**

- 71087011873. 1
- 71087011874. 2
- 71087011875. 3
- 71087011876. 4

**Question Number : 30 Question Id : 7108702970 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

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

Most pathogenic species of *Sarcocystis* in sheep is

1. *Sarcocystis cruzi*
2. *Sarcocystis arieticanis*
3. *Sarcocystis mischeriana*
4. *Sarcocystis tenella*

**Options :**

- 71087011877. 1
- 71087011878. 2
- 71087011879. 3
- 71087011880. 4

**Question Number : 31 Question Id : 7108702971 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**

Among the following pathogens, which one is NOT an agent of Bioterrorism?

1. *Burkholderia mallei*
2. *Bacillus anthracis*
3. *Pasteurella multocida*
4. *Francisella tularensis*

**Options :**

- 71087011881. 1
- 71087011882. 2
- 71087011883. 3
- 71087011884. 4

**Question Number : 32 Question Id : 7108702972 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**

National Livestock Disease Database is maintained at which one of the following institutes in India?

1. Indian Veterinary Research Institute (IVRI)
2. National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI)
3. National Dairy Research Institute (NDRI)
4. National Institute of High Security Animal Diseases (NIHSAD)

**Options :**

- 71087011885. 1
- 71087011886. 2
- 71087011887. 3
- 71087011888. 4

**Question Number : 33 Question Id : 7108702973 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

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

Most common circulating serotype of Foot and Mouth Disease virus in India is

1. 'O'
2. 'C'
3. Asia-1
4. SAT-1

**Options :**

- 71087011889. 1
- 71087011890. 2
- 71087011891. 3
- 71087011892. 4

**Question Number : 34 Question Id : 7108702974 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. HACCP	I. Sardar Vallabhbhai Patel
B. AMUL	II. Stanley B. Prusiner
C. Sanitary idea	III. H.E. Bauman
D. Prions	IV. Edwin Chadwick

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

**Options :**

- 71087011893. 1
- 71087011894. 2
- 71087011895. 3
- 71087011896. 4

**Question Number : 35 Question Id : 7108702975 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

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

Who among the following is regarded as 'Father of Veterinary Epidemiology'?

1. Robert Koch
2. Louis Pasteur
3. Calvin W. Schwabe
4. Thygard

**Options :**

- 71087011897. 1
- 71087011898. 2
- 71087011899. 3

71087011900. 4

**Question Number : 36 Question Id : 7108702976 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**

Air-borne diseases in humans and animals occur mainly due to the presence of

- A. Dust
- B. Toxic chemicals
- C. High temperature
- D. Infectious droplets
- E. Low temperature

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

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

**Options :**

- 71087011901. 1
- 71087011902. 2
- 71087011903. 3
- 71087011904. 4

**Question Number : 37 Question Id : 7108702977 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 sanitizing agents commonly used in abattoirs include halogens, Quaternary ammonium compounds, amphoteric compounds and inorganic acids/alkalis

**Statement II:** The strength of chlorine required for abattoirs sanitation is in the range of 130-250 ppm

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

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

**Options :**

71087011905. 1

71087011906. 2

71087011907. 3

71087011908. 4

**Question Number : 38 Question Id : 7108702978 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**



Clinical forms of anthrax in humans are

- A. Cutaneous form
- B. Occular form
- C. Pulmonary form
- D. Meningitis form
- E. Gastro-intestinal form

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

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

**Options :**

- 71087011909. 1
- 71087011910. 2
- 71087011911. 3
- 71087011912. 4

**Question Number : 39 Question Id : 7108702979 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**

Personal Protective Equipment (PPE) and showers are must to work in a laboratory of Biosafety level

- A. Biosafety Level-1
- B. Biosafety Level-2
- C. Biosafety Level-3
- D. Biosafety Level-4

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

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

**Options :**

- 71087011913. 1
- 71087011914. 2
- 71087011915. 3
- 71087011916. 4

**Question Number : 40 Question Id : 7108702980 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**

Mark the correct pairs of biological transmission types and the diseases

- A. Propagative type: Plague
- B. Cyclo - propagative type: Anthrax
- C. Cyclo - developmental type: Microfilaria
- D. Transovarian type: Tick-borne Encephalitis

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

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

**Options :**

- 71087011917. 1
- 71087011918. 2
- 71087011919. 3
- 71087011920. 4

**Question Number : 41 Question Id : 7108702981 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Which one of the following is a differential and selective media?

- 1. Blood Agar
- 2. Mannitol Salt Agar
- 3. Chocolate Agar
- 4. Egg Yolk Agar

**Options :**

- 71087011921. 1



71087011922. 2

71087011923. 3

71087011924. 4

**Question Number : 42 Question Id : 7108702982 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 characteristic of *Rhodococcus equi*?

- A. It produces Salmon Pink Colonies on Nutrient Agar
- B. It ferments Glucose, Maltose and Sucrose
- C. It produces a synergistic hemolytic effect with *Corynebacterium pseudotuberculosis*
- D. Its host range is restricted to equines

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

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

**Options :**

71087011925. 1

71087011926. 2

71087011927. 3

71087011928. 4

**Question Number : 43 Question Id : 7108702983 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 among the following is anaerobic and capnophilic?

1. *Actinomyces* spp.
2. *Nocardia* spp.
3. *Streptomyces* spp.
4. *Dermatophilus* spp.

**Options :**

71087011929. 1  
71087011930. 2  
71087011931. 3  
71087011932. 4

**Question Number : 44 Question Id : 7108702984 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**

Common presentation in Chronic Q fever in humans is

1. Endocarditis
2. Flu-like symptoms
3. Fever, myalgia and headaches
4. It is not zoonotic in nature

**Options :**

71087011933. 1  
71087011934. 2  
71087011935. 3  
71087011936. 4

**Question Number : 45 Question Id : 7108702985 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

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

Which one of the following is NOT used for cultivation of *Leptospira* spp.?

1. Fletcher Semi Solid medium
2. Korthof and Stuart broths
3. Thayer-Martin medium
4. EMJH medium

**Options :**

71087011937. 1  
71087011938. 2  
71087011939. 3  
71087011940. 4

**Question Number : 46 Question Id : 7108702986 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 characteristics are NOT related to the family Orthomyxoviridae?

- A. Negative stranded RNA
- B. Non-segmented RNA
- C. Enveloped
- D. Icosahedral symmetry

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

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

**Options :**

71087011941. 1



71087011942. 2

71087011943. 3

71087011944. 4

**Question Number : 47 Question Id : 7108702987 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 true about Hybridoma technology of monoclonal antibody production?

- A. Uridine pathway of DNA synthesis is blocked by Hypoxanthine
- B. Polyethylene Glycol is used to fuse B cell and myeloma cell
- C. Myeloma cell has own HPRT enzyme
- D. HAT medium contains Hypoxanthine, Thymidine and Aminopterin

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

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

**Options :**

71087011945. 1

71087011946. 2

71087011947. 3

71087011948. 4

**Question Number : 48 Question Id : 7108702988 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**

*Equine encephalosis virus* is a member of which one of the following families?

1. Orthomyxoviridae
2. Paramyxoviridae
3. Reoviridae
4. Togaviridae

**Options :**

- 71087011949. 1
- 71087011950. 2
- 71087011951. 3
- 71087011952. 4

**Question Number : 49 Question Id : 7108702989 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**

Porcine herpesvirus I is the causative agent of

1. Aujeszky's disease
2. Inclusion Body Rhinitis of Pigs
3. Transmissible gastroenteritis
4. African Swine fever

**Options :**

- 71087011953. 1
- 71087011954. 2
- 71087011955. 3
- 71087011956. 4

**Question Number : 50 Question Id : 7108702990 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

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

Which one of the following is NOT a member of family Paramyxoviridae?

- A. Equine Influenza Virus
- B. Bovine Parainfluenza Virus
- C. Equine Rhinitis B Virus
- D. Canine Parainfluenza Virus

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

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

**Options :**

- 71087011957. 1
- 71087011958. 2
- 71087011959. 3
- 71087011960. 4

**Question Number : 51 Question Id : 7108702991 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 giant cells present in the gout are

- 1. Langhan's type
- 2. Foreign body type
- 3. Tumour giant cell
- 4. Touton giant cell

**Options :**

- 71087011961. 1



71087011962. 2

71087011963. 3

71087011964. 4

**Question Number : 52 Question Id : 7108702992 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**

Rotation of intestine along its long axis is known as

1. Torsion
2. Volvulus
3. Intussusception
4. Prolapse

**Options :**

71087011965. 1

71087011966. 2

71087011967. 3

71087011968. 4

**Question Number : 53 Question Id : 7108702993 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 muscle disease is characterized by

1. Coagulative necrosis of muscles
2. Caseative necrosis of muscles
3. Liquifactive necrosis of muscles
4. Fat necrosis of muscles

**Options :**

71087011969. 1

71087011970. 2

71087011971. 3

71087011972. 4

**Question Number : 54 Question Id : 7108702994 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Most widely used diagnostic test used for the diagnosis of Ranikhet disease is

1. Complement Fixation test
2. Hemagglutination Inhibition Assay
3. Serum neutralization test
4. Agar gel precipitation test

**Options :**

- 71087011973. 1
- 71087011974. 2
- 71087011975. 3
- 71087011976. 4

**Question Number : 55 Question Id : 7108702995 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 very first manifestation of all forms of cell injury is

1. Cell shrinkage
2. Nuclear shrinkage
3. Nuclear swelling
4. Cell swelling

**Options :**

- 71087011977. 1
- 71087011978. 2
- 71087011979. 3
- 71087011980. 4

**Question Number : 56 Question Id : 7108702996 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 known as Wear and Tear pigment?

1. Lipofuscin
2. Melanin
3. Hemosiderin
4. Porphyria

**Options :**

71087011981. 1  
71087011982. 2  
71087011983. 3  
71087011984. 4

**Question Number : 57 Question Id : 7108702997 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**

Endocarditis is most frequently seen in

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

**Options :**

71087011985. 1  
71087011986. 2  
71087011987. 3  
71087011988. 4

**Question Number : 58 Question Id : 7108702998 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 cells of the stratum corneum layer contain a nucleus in case of

1. Hyperkeratosis
2. Parakeratosis
3. Dyskeratosis
4. Keratitis

**Options :**

- 71087011989. 1
- 71087011990. 2
- 71087011991. 3
- 71087011992. 4

**Question Number : 59 Question Id : 7108702999 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**

Blue bag disease in rabbits is characterized by

1. Metritis
2. Cervicitis
3. Vulvitis
4. Mastitis

**Options :**

- 71087011993. 1
- 71087011994. 2
- 71087011995. 3
- 71087011996. 4

**Question Number : 60 Question Id : 7108703000 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 infectious canine hepatitis virus is excreted from the body of host through

1. Nasal secretions
2. Saliva
3. Urine
4. Feces

**Options :**

71087011997. 1  
71087011998. 2  
71087011999. 3  
71087012000. 4

**Question Number : 61 Question Id : 7108703001 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:** Dairyman/milkman may suffer from bacterial, viral and parasitic diseases from milk-borne diseases

**Statement II:** Agents causing food-borne infections are *Salmonella*, *Bacillus cereus*

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

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

**Options :**

71087012001. 1  
71087012002. 2  
71087012003. 3

71087012004. 4

**Question Number : 62 Question Id : 7108703002 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:** 99% of the microorganisms on the meat surface are bacteria

**Statement II:** Commonly found moulds on meat surface are *Penicillium*, *Mucor*, *Aspergillus* etc.

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

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

**Options :**

- 71087012005. 1
- 71087012006. 2
- 71087012007. 3
- 71087012008. 4

**Question Number : 63 Question Id : 7108703003 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 disease CANNOT be detected during an antemortem inspection of cattle?

1. FMD
2. Rabies
3. Anthrax
4. Listeriosis



**Options :**

- 71087012009. 1
- 71087012010. 2
- 71087012011. 3
- 71087012012. 4

**Question Number : 64 Question Id : 7108703004 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:** *Streptococcus* spp. are used for production of fermented milk products

**Statement II:** *Lactobacillus acidophilus* colonizes human intestine and produces protective substances

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

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

**Options :**

- 71087012013. 1
- 71087012014. 2
- 71087012015. 3
- 71087012016. 4

**Question Number : 65 Question Id : 7108703005 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**

All the following statements regarding parasites are true, EXCEPT

1. *Entamoeba histolytica* causes disease in liver but most common site in host is caecum and cysts are with four nuclei
2. *Giardia lamblia* causes steatorrhoea and effects mostly travellers and cyst is with four nuclei
3. *Cryptosporidium parvum* is mostly in immunocompromised individuals and the oocysts are with four sporozoites.
4. *Toxoplasma gondii* causes still-births, nervous signs in a definitive host and the oocyst is with two sporocysts each with four sporozoites

**Options :**

- 71087012017. 1
- 71087012018. 2
- 71087012019. 3
- 71087012020. 4

**Question Number : 66 Question Id : 7108703006 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 parasites' average size is comparable to the size of a microscopic glass slide?

1. *Heterakis gallinarum* (female)
2. *Trichuris ovis* (female)
3. *Fasciola gigantica*
4. *Anoplocephala perfoliata*

**Options :**

- 71087012021. 1
- 71087012022. 2
- 71087012023. 3
- 71087012024. 4

**Question Number : 67 Question Id : 7108703007 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is**



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

In a bug prevalent area, most of the individuals are with Romana's sign, mega oesophagus, megacolon leading to difficulties with eating and passing stool. Based on the given information, what may be the possible causative agent?

1. *Trypanosoma gambiense*
2. *Trypanosoma congolense*
3. *Trypanosoma cruzi*
4. *Leishmania donovani*

**Options :**

71087012025. 1  
71087012026. 2  
71087012027. 3  
71087012028. 4

**Question Number : 68 Question Id : 7108703008 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**

All the following statements are true about *Trichostrongylus colubriformis*, EXCEPT

1. It causes protein-losing gastropathy in sheep
2. The worms are popularly known as wireworms of ruminants
3. It produces ringworm like lesions in abomasum of sheep
4. Sheep that are immune to *Haemonchus contortus* are susceptible to *Trichostrongylus* spp. and vice versa

**Options :**

71087012029. 1  
71087012030. 2  
71087012031. 3  
71087012032. 4



**Question Number : 69 Question Id : 7108703009 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**

Which one of the following statements is NOT correct about fleas?

1. Fleas are laterally flattened and are preserved in 10% formalin
2. Fleas are dorsoventrally flattened and are well preserved in 10% formalin
3. Fleas are dorsoventrally flattened and are well preserved in 70% alcohol
4. Fleas are laterally flattened and are well preserved in 70% alcohol

**Options :**

- 71087012033. 1
- 71087012034. 2
- 71087012035. 3
- 71087012036. 4

**Question Number : 70 Question Id : 7108703010 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**

Metaphylactic is one of the indications of anthelmintic treatment and is aimed mainly to

1. Save the life of the clinically diseased animals
2. Prevent the contamination with helminth eggs thereby limiting infection to an economically acceptable level
3. Prevent the outbreak of a disease/ the elimination of a helminth species from a defined area
4. Refer to treatments at predetermined intervals

**Options :**

- 71087012037. 1
- 71087012038. 2
- 71087012039. 3
- 71087012040. 4

## Part C Veterinary Public Health and Epidemiology

Section Id :	71087075
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	71087075
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 7108703011 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

How much glucose will be required to prepare 250 cm<sup>3</sup> of 0.1 M glucose solution?

1. 9.0 g
2. 4.5 g
3. 12.0 g
4. 180 g

Options :

71087012041. 1  
71087012042. 2  
71087012043. 3  
71087012044. 4

Question Number : 72 Question Id : 7108703012 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 amino acids is a necessary ingredient in the media used for isolation of *Salmonella* from meat samples?

1. Glycine
2. Tryptophan
3. Isoleucine
4. Valine

**Options :**

71087012045. 1  
71087012046. 2  
71087012047. 3  
71087012048. 4

**Question Number : 73 Question Id : 7108703013 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is  
Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical  
Correct Marks : 4 Wrong Marks : 1**

Under normal conditions, the host body contains an abundance of iron, but most of it is located intracellularly where it is relatively inaccessible to the foodborne organisms. The small amount present in the body fluids are complexes with which one of the following host iron-binding proteins?

1. Transferrin in mucosal secretions and lactoferrin in plasma
2. Both transferrin and lactoferrin in mucosal secretions
3. Transferrin in plasma and lactoferrin in mucosal secretions
4. Both transferrin and lactoferrin in plasma

**Options :**

71087012049. 1  
71087012050. 2  
71087012051. 3



71087012052. 4

**Question Number : 74 Question Id : 7108703014 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**

Shiga toxin consists of two polypeptide subunits, A and B with the molecular weights,

1. A-28000 to 30000, B-5000 to 6500
2. A-30500 to 32000, B-5000 to 6500
3. A-30500 to 32000, B-6500 to 7000
4. A-28000 to 30000, B-6500 to 7000

**Options :**

71087012053. 1  
71087012054. 2  
71087012055. 3  
71087012056. 4

**Question Number : 75 Question Id : 7108703015 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**

*Salmonella* is destroyed in high  $a_w$  food by heating at a minimum temperature of 74 °C. This usually permits a margin of safety;  $D_{60}$  values for most serovars are in the range of the following

1. 0.1 - 0.2 min
2. 0.2 - 6.5 min
3. 6.5 - 8.5 min
4. 8.5 - 12.5 min

**Options :**

71087012057. 1  
71087012058. 2  
71087012059. 3

71087012060. 4

**Question Number : 76 Question Id : 7108703016 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**

Rate of freezing for the Quick freezing method is

1. 0.2 cm/h
2. 0.5 - 3.0 cm/h
3. -10.0 cm/h
4. 10 - 100 cm/h

**Options :**

71087012061. 1  
71087012062. 2  
71087012063. 3  
71087012064. 4

**Question Number : 77 Question Id : 7108703017 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**

Time required for destroying 90% of the bacterial population/organisms is called as

1. F value
2. Z value
3. D value
4. 12 D concept

**Options :**

71087012065. 1  
71087012066. 2  
71087012067. 3  
71087012068. 4

**Question Number : 78 Question Id : 7108703018 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**

Animals that are unfit during antemortem examination under the regulation of the Bureau of Indian Standards (BIS) include animals affected with

1. Black leg and emaciation
2. Haemorrhagic septicemia and chronic mastitis
3. Abscess and fracture
4. All of the above

**Options :**

71087012069. 1

71087012070. 2

71087012071. 3

71087012072. 4

**Question Number : 79 Question Id : 7108703019 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:** Mannose sensitive fimbriae constitute a group of more or less related antigens, whereas mannose resistant fimbriae are antigenically diverse

**Statement II:** Mannose sensitive fimbriae often function as virulence factors and can be both species and organ-specific in their adhesive character

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

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

**Options :**

71087012073. 1

71087012074. 2

71087012075. 3

71087012076. 4

**Question Number : 80 Question Id : 7108703020 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 inhibitors are commonly used in the media for selective isolation of *Salmonella*?

- A. Brilliant green
- B. Deoxycholate
- C. Bile salts

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

- 1. A and B only
- 2. B and C only
- 3. A and C only
- 4. Any of A, B or C

**Options :**

- 71087012077. 1
- 71087012078. 2
- 71087012079. 3
- 71087012080. 4

**Question Number : 81 Question Id : 7108703021 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 tests are used as herd surveillance test and individual animal testing for detection of *Brucella* infection?

- 1. RBPT and PCR
- 2. RBPT and CFT
- 3. Milk ring test and RBPT
- 4. Milk ring test and skin delayed-type hypersensitivity (SDTH)

**Options :**

71087012081. 1  
71087012082. 2  
71087012083. 3  
71087012084. 4

**Question Number : 82 Question Id : 7108703022 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, one is labelled as **Assertion A** and the other is labelled as **Reason R**

**Assertion A:** Purified Protein Derivatives (PPD) of TB was replaced by Old Tuberculin (OT)

**Reason R:** PPD is a purer preparation and is easier to standardize

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

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

**Options :**

71087012085. 1  
71087012086. 2  
71087012087. 3  
71087012088. 4

**Question Number : 83 Question Id : 7108703023 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:** One vertebrate and two invertebrate hosts are involved in Metazoonoses type II

**Statement II:** Two vertebrate and one invertebrate hosts are involved in Metazoonoses type III

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

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

**Options :**

- 71087012089. 1
- 71087012090. 2
- 71087012091. 3
- 71087012092. 4

**Question Number : 84 Question Id : 7108703024 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**

Adulterants like colouring agents in milk can be detected by which one of the following tests?

1. Annatto and resorcinol dye
2. Coal-tar, annatto and methylene blue dye
3. Resorcinol and methylene blue dye
4. Annatto and coal-tar dye

**Options :**

- 71087012093. 1
- 71087012094. 2
- 71087012095. 3
- 71087012096. 4

**Question Number : 85 Question Id : 7108703025 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**

Calculate the titre of the original virus suspension if 0.03 ml of a  $10^{-4.8}$  dilution of a virus contains 1 ID<sub>50</sub> and antilog of 0.8 is 6.3.

1.  $1.89 \times 10^3$  ID<sub>50</sub> /ml
2.  $18.9 \times 10^4$  ID<sub>50</sub> /ml
3.  $2.1 \times 10^6$  ID<sub>50</sub> /ml
4.  $21.0 \times 10^6$  ID<sub>50</sub> /ml

**Options :**

71087012097. 1  
71087012098. 2  
71087012099. 3  
71087012100. 4

**Question Number : 86 Question Id : 7108703026 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical**

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

The term lymphatic filariasis covers infection with which of the following related nematode worms?

1. *W. bancrofti*, *B. malayi* and *B. timori*
2. *Perstans*, *B. malayi* and *B. timori*
3. *Perstans*, *W. bancrofti*, *B. malayi*
4. *T. ozzardi*, *B. perstans* and *B. timori*

**Options :**

71087012101. 1  
71087012102. 2  
71087012103. 3  
71087012104. 4

**Question Number : 87 Question Id : 7108703027 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 Biltong preparation, meat strips are first salted and then kept for months at high temperature

**Statement II:** In beef jerky preparation, meat is cut into small pieces and then dried in the open air

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

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

**Options :**

- 71087012105. 1
- 71087012106. 2
- 71087012107. 3
- 71087012108. 4

**Question Number : 88 Question Id : 7108703028 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**



Two parasites of public health importance in Taeniasis are

1. *T. saginata* and *T. corporisiticus*
2. *T. saginata* and *T. coronalis*
3. *T. solium* and *T. corporisiticus*
4. *T. saginata* and *T. solium*

**Options :**

71087012109. 1

71087012110. 2

71087012111. 3

71087012112. 4

**Question Number : 89 Question Id : 7108703029 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**

Screening test results are as follows:

	<b>Diseased</b>	<b>Not-Diseased</b>	<b>Total</b>
<b>Positive</b>	80	40	<b>120</b>
<b>Negative</b>	120	9760	<b>9880</b>
	200	9800	<b>10000</b>

A. Sensitivity: 40.0%

B. Specificity: 99.59%

C. False-positive : 66.66%

D. False-negative : 0.40%

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

1. Only A and B are correct
2. Only C and D are correct
3. A, B and C are correct
4. A, B and D are correct

**Options :**

71087012113. 1

71087012114. 2

71087012115. 3

71087012116. 4

**Question Number : 90 Question Id : 7108703030 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 NOT a serotype of *Leptospira* spp.?

1. Autumnalis
2. Hardjo
3. Mbandaka
4. Hebdomadis

**Options :**

71087012117. 1  
71087012118. 2  
71087012119. 3  
71087012120. 4

**Question Number : 91 Question Id : 7108703031 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**

As per FSSAI regulations, the maximum residue level (MRL) for tetracyclines in the poultry meat is

1. 0.05 mg/kg
2. 0.1 mg/kg
3. 0.2 mg/kg
4. 0.5 mg/kg

**Options :**

71087012121. 1  
71087012122. 2  
71087012123. 3  
71087012124. 4

**Question Number : 92 Question Id : 7108703032 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:** Springer is the condition in which a can with one end is permanently bulged. When sufficient pressure is applied to this end, it will flip in but the other end will flip out

**Statement II:** A flipper is a condition when the can normally appears flat but when brought down sharply on its end on a flat surface, one end flips out. When pressure is applied to this end, it flips in again and the can appears flat.

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

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

**Options :**

71087012125. 1

71087012126. 2

71087012127. 3

71087012128. 4

**Question Number : 93 Question Id : 7108703033 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:** Dark firm dry pork condition is due to long term glycogen depletion where limited lactic acid was produced

**Statement II:** Pale, soft and exudative condition is due to short term glycogen depletion where pH reaches to 5.2 in 2 hours post mortem

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

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

**Options :**

71087012129. 1

71087012130. 2

71087012131. 3

71087012132. 4

**Question Number : 94 Question Id : 7108703034 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 term pasteurization of milk refers to the process of heating milk to 61°C for 30 min

**Statement II:** The term pasteurization of milk refers to the process of heating milk to 72°C for 15 sec

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

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

**Options :**

71087012133. 1

71087012134. 2

71087012135. 3

71087012136. 4

**Question Number : 95 Question Id : 7108703035 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. <i>O. tsutsugamushi</i>	I. <i>Pediculus humanus corporis</i>
B. <i>Rickettsia typhi</i>	II. <i>Xenopsylla cheopis</i>
C. <i>Rickettsia prowazekii</i>	III. <i>Ctenocephalides felis</i>
D. <i>Rickettsia felis</i>	IV. <i>Leptotrombidium deliense</i>

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

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

**Options :**

- 71087012137. 1
- 71087012138. 2
- 71087012139. 3
- 71087012140. 4

**Question Number : 96 Question Id : 7108703036 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**

AS per FSSAI regulations, the maximum residue level (MRL) for ampicillin in milk is

1. 0.01 mg/kg
2. 0.05 mg/kg
3. 0.1 mg/kg
4. 0.5 mg/kg

**Options :**

- 71087012141. 1
- 71087012142. 2

71087012143. 3

71087012144. 4

**Question Number : 97 Question Id : 7108703037 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**

As per FSSAI regulations, the maximum residue level (MRL) for DDT (including all metabolites) in meat is

1. 0.1 mg/kg
2. 0.5 mg/kg
3. 0.7 mg/kg
4. 1 mg/kg

**Options :**

71087012145. 1

71087012146. 2

71087012147. 3

71087012148. 4

**Question Number : 98 Question Id : 7108703038 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**

Flask shaped lesions (Bomb craters) are seen in

1. Amoebiasis
2. Balantidiosis
3. Cryptosporidiosis
4. Giardiasis

**Options :**

71087012149. 1

71087012150. 2

71087012151. 3

71087012152. 4

**Question Number : 99 Question Id : 7108703039 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 animal plays an important role in the maintenance of the West Nile fever virus in nature?

1. Horse
2. Pigs
3. Primates
4. Birds

**Options :**

- 71087012153. 1
- 71087012154. 2
- 71087012155. 3
- 71087012156. 4

**Question Number : 100 Question Id : 7108703040 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 diseases is a zoonotic disease?

1. Fowl cholera
2. Fowl typhoid
3. Hog cholera
4. Typhoid fever

**Options :**

- 71087012157. 1
- 71087012158. 2
- 71087012159. 3
- 71087012160. 4



**Question Number : 101 Question Id : 7108703041 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 *Staphylococcus aureus*, resistance to which one of the following antibiotics is commonly seen?

1. Cephalexin
2. Chloramphenicol
3. Ciprofloxacin
4. Vancomycin

**Options :**

71087012161. 1

71087012162. 2

71087012163. 3

71087012164. 4

**Question Number : 102 Question Id : 7108703042 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**

Arrange the steps of the pig slaughter line in sequence

- A. Scalding
- B. Dehairing
- C. Evisceration
- D. Singeing
- E. Chilling

Choose the correct answer from the options given below

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

**Options :**

- 71087012165. 1
- 71087012166. 2
- 71087012167. 3
- 71087012168. 4

**Question Number : 103 Question Id : 7108703043 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**

Arrange the following steps in virus isolation in sequence

- A. Preparation of virus inoculum
- B. Inoculation of monolayer
- C. Preparation of monolayer
- D. Confirmation by relevant assay
- E. Observation of CPE

Choose the correct answer from the options given below

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

**Options :**

- 71087012169. 1
- 71087012170. 2
- 71087012171. 3
- 71087012172. 4

**Question Number : 104 Question Id : 7108703044 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1**



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

<b>List I</b>	<b>List II</b>
A. Anthrax	I. Sodoku
B. Lyme Disease	II. Charbon
C. Rat-bite fever	III. Whitmore's disease
D. Melioidosis	IV. ECM with polyarthritis

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

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

**Options :**

- 71087012173. 1
- 71087012174. 2
- 71087012175. 3
- 71087012176. 4

**Question Number : 105 Question Id : 7108703045 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. Japanese encephalitis	I. <i>Haemaphysalis spinigera</i>
B. Dengue	II. <i>Culex tritaeniorhynchus</i>
C. KFD	III. <i>Haemaphysalis intermedia</i>
D. Ganjam virus disease	IV. <i>Aedes aegypti</i>

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

**Options :**

- 71087012177. 1
- 71087012178. 2
- 71087012179. 3
- 71087012180. 4

**Question Number : 106 Question Id : 7108703046 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:** Leishmaniasis are a group of protozoal diseases caused by parasites of the genus *Leishmania*, and transmitted to man by the bite of female phlebotomine sandfly

**Statement II:** Indian Kala-azar is considered to be a zoonotic infection

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

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

**Options :**

71087012181. 1

71087012182. 2

71087012183. 3

71087012184. 4

**Question Number : 107 Question Id : 7108703047 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:** *Salmonella* and *Yersinia* invade the ileum

**Statement II:** *Shigella* and enteroinvasive *E. coli* invade the abomasum

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

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

**Options :**

71087012185. 1

71087012186. 2

71087012187. 3

71087012188. 4

**Question Number : 108 Question Id : 7108703048 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**

How does a permanent pink colour develop during meat curing?

A. Nitric oxide gets attached to  $\text{Fe}^{2+}$  and blocks oxygenation of myoglobin and is then converted to nitrosohemochrome

B. Ascorbic acid help to maintain a reducing atmosphere

Select the most appropriate answer from the options given below:

1. A only
2. B only
3. A and B both
4. Neither A nor B

**Options :**

71087012189. 1

71087012190. 2

71087012191. 3

71087012192. 4

**Question Number : 109 Question Id : 7108703049 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:** Relative risk is also called the incidence density ratio which provides a relative measure of the effect of the exposure

**Statement II:** Odds ratio is also called exposure alternate ratio and is primarily restricted to cohort studies and it provides an estimate of the rate ratio

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

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

**Options :**

71087012193. 1

71087012194. 2

71087012195. 3

71087012196. 4

**Question Number : 110 Question Id : 7108703050 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:** Ropiness is a form of bacterial spoilage in milk where surface ropiness is observed at the top of the milk is caused by *Alcaligenes viscolactis*

**Statement II:** Sweet curdling is due to the production of extracellular enzymes similar to renin by bacteria that precipitate casein before the development of sufficient acidity

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

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

**Options :**

- 71087012197. 1
- 71087012198. 2
- 71087012199. 3
- 71087012200. 4

**Question Number : 111 Question Id : 7108703051 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, one is labelled as **Assertion A** and the other is labelled as **Reason R**

**Assertion A:** Pigs have attained the status of a principal host in the epidemiology of Japanese Encephalitis (JE) in Asia

**Reason R:** Pig-mice-pig cycle has maintained the virus

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

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

**Options :**

71087012201. 1

71087012202. 2

71087012203. 3

71087012204. 4

**Question Number : 112 Question Id : 7108703052 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**

Rabies results in more than 20000 human deaths every year. Which of the following reasons is/are correct?

A. Dog is maintenance and spreading host

B. Mongoose are reservoir and spreading host

Select the most appropriate answer from the options given below:

1. A only

2. B only

3. A and B both

4. Neither A nor B

**Options :**

71087012205. 1

71087012206. 2

71087012207. 3

71087012208. 4

**Question Number : 113 Question Id : 7108703053 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**



Study the data in the table

	<b>Organisms</b>	<b>Symptoms appear within (A)</b>	<b>Motility (B)</b>
1	<i>Shigella</i>	12 - 50 h	Non-Motile
2	<i>Salmonella Typhi</i>	10 - 14 days	Motile

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

1. Only 1A, 1B are correct
2. Only 2A, 2B are correct
3. Only 1A and 2A are correct
4. All 1A, 1B, 2A and 2B are correct

**Options :**

- 71087012209. 1
- 71087012210. 2
- 71087012211. 3
- 71087012212. 4

**Question Number : 114 Question Id : 7108703054 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 few features of Leptospira.

- A. Flexible, motile and spiral rods
- B. Best viewed by dark field microscopy
- C. Shows conjunctival suffusion due to immune reaction
- D. Also known to cause famine fever

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

1. Only A and B are correct
2. Only B and C are correct
3. A, B and C are correct
4. All A, B, C and D are correct

**Options :**

- 71087012213. 1
- 71087012214. 2
- 71087012215. 3
- 71087012216. 4

**Question Number : 115 Question Id : 7108703055 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 true about Tuberculosis?

- A. It is also known as *Yakshma*
- B. It is the third most common cause of death in AIDS patients
- C. The BCG vaccine cannot protect humans
- D. Its causative Bacilli can be detected by acid-fast staining

Choose the correct answer from the options given below

1. Only A, B and C are correct
2. Only A and D are correct
3. Only A, B and D are correct
4. All A, B, C and D are correct

**Options :**

- 71087012217. 1
- 71087012218. 2
- 71087012219. 3
- 71087012220. 4

**Question Number : 116 Question Id : 7108703056 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**



Chandlers worked out an index on the basis of the average number of hookworm eggs/gm of stools for entire community as

- A. Below 200 : Hookworm is not of much significance
- B. 200-300 : Major public health problem
- C. Above 300 : Important public health problem

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

- 1. Only A and B are correct
- 2. Only B and C are correct
- 3. Only A and C are correct
- 4. All the three are correct

**Options :**

- 71087012221. 1
- 71087012222. 2
- 71087012223. 3
- 71087012224. 4

**Question Number : 117 Question Id : 7108703057 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 true about Rabies in dogs?

- A. Beta-Propiolactone inactivated nervous tissue vaccine can be used as a single dose
- B. The incubation period ranges from 3-8 weeks
- C. It manifests in two forms i.e. furious and dumb

Choose the *correct* answer from the options given below

- 1. Only A and B are correct
- 2. Only B and C are correct
- 3. Only A and C are correct
- 4. All the three are correct

**Options :**

- 71087012225. 1
- 71087012226. 2
- 71087012227. 3
- 71087012228. 4

**Question Number : 118 Question Id : 7108703058 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**

Plague is also known as (A) caused by the agent (B)

- 1. A-Don of the disease & B-*Yersinia pestis*
- 2. A-Mahamari & B-*Yersinia pestis*
- 3. A-Cabuncle & B-*Yersinia enterocolitica*
- 4. A-Don of the disease & B-*Yersinia enterocolitica*

**Options :**

- 71087012229. 1
- 71087012230. 2

71087012231. 3

71087012232. 4

**Question Number : 119 Question Id : 7108703059 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, one is labelled as **Assertion A** and the other is labelled as **Reason R**

**Assertion A :** Listeriosis is also known as silage disease

**Reason R :** Listeriosis is mainly observed in the workers preparing the silage

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

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

**Options :**

71087012233. 1

71087012234. 2

71087012235. 3

71087012236. 4

**Question Number : 120 Question Id : 7108703060 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 used for isolation of *Staphylococcus* spp.?

1. MacConkey agar
2. BSA
3. Baird-Parker agar
4. SPS agar

**Options :**

71087012237. 1

71087012238. 2

71087012239. 3

71087012240. 4