

National Testing Agency

Question Paper Name :	Livestock Production Management 23rd Sep 2020 Shift 2 Set 2
Subject Name :	Livestock Production Management
Creation Date :	2020-09-23 19:33:36
Duration :	120
Total Marks :	480
Display Marks:	Yes
Share Answer Key With Delivery Engine :	Yes
Actual Answer Key :	Yes

Livestock Production Management

Group Number :	1
Group Id :	71087021
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	480
Is this Group for Examiner? :	No

Part A General Knowledge

Section Id :	71087061
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	20

Number of Questions to be attempted : 20
Section Marks : 80
Display Number Panel : Yes
Group All Questions : Yes
Mark As Answered Required? : Yes
Sub-Section Number : 1
Sub-Section Id : 71087061
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 7108702461 Question Type : MCQ Option 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 :

7108709841. 1
7108709842. 2
7108709843. 3
7108709844. 4

Question Number : 2 Question Id : 7108702462 Question Type : MCQ Option 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 :

- 7108709845. 1
- 7108709846. 2
- 7108709847. 3
- 7108709848. 4

Question Number : 3 Question Id : 7108702463 Question Type : MCQ Option 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 :

- 7108709849. 1

7108709850. 2

7108709851. 3

7108709852. 4

Question Number : 4 Question Id : 7108702464 Question Type : MCQ Option 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 :

7108709853. 1

7108709854. 2

7108709855. 3

7108709856. 4

Question Number : 5 Question Id : 7108702465 Question Type : MCQ Option 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 :

7108709857. 1

7108709858. 2

7108709859. 3

7108709860. 4

Question Number : 6 Question Id : 7108702466 Question Type : MCQ Option 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 :

- 7108709861. 1
- 7108709862. 2
- 7108709863. 3
- 7108709864. 4

Question Number : 7 Question Id : 7108702467 Question Type : MCQ Option 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 :

- 7108709865. 1
- 7108709866. 2
- 7108709867. 3
- 7108709868. 4

Question Number : 8 Question Id : 7108702468 Question Type : MCQ Option 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 :

7108709869. 1
7108709870. 2
7108709871. 3
7108709872. 4

Question Number : 9 Question Id : 7108702469 Question Type : MCQ Option 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 :

7108709873. 1
7108709874. 2
7108709875. 3
7108709876. 4

Question Number : 10 Question Id : 7108702470 Question Type : MCQ Option 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 :

7108709877. 1

7108709878. 2

7108709879. 3

7108709880. 4

Question Number : 11 Question Id : 7108702471 Question Type : MCQ Option 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 :

7108709881. 1

7108709882. 2

7108709883. 3

7108709884. 4

Question Number : 12 Question Id : 7108702472 Question Type : MCQ Option 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 :

7108709885. 1
7108709886. 2
7108709887. 3
7108709888. 4

Question Number : 13 Question Id : 7108702473 Question Type : MCQ Option 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 34th Surajkund International Crafts Fair held in Haryana?

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

Options :

7108709889. 1
7108709890. 2
7108709891. 3
7108709892. 4

Question Number : 14 Question Id : 7108702474 Question Type : MCQ Option 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 :

- 7108709893. 1
- 7108709894. 2
- 7108709895. 3
- 7108709896. 4

Question Number : 15 Question Id : 7108702475 Question Type : MCQ Option 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 :

- 7108709897. 1
- 7108709898. 2
- 7108709899. 3
- 7108709900. 4

Question Number : 16 Question Id : 7108702476 Question Type : MCQ Option 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 :

- 7108709901. 1
- 7108709902. 2
- 7108709903. 3
- 7108709904. 4

Question Number : 17 Question Id : 7108702477 Question Type : MCQ Option 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 :

- 7108709905. 1
- 7108709906. 2
- 7108709907. 3
- 7108709908. 4

Question Number : 18 Question Id : 7108702478 Question Type : MCQ Option 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 :

- 7108709909. 1
- 7108709910. 2
- 7108709911. 3
- 7108709912. 4

Question Number : 19 Question Id : 7108702479 Question Type : MCQ Option 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 :

- 7108709913. 1
- 7108709914. 2
- 7108709915. 3
- 7108709916. 4

Question Number : 20 Question Id : 7108702480 Question Type : MCQ Option 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 :

- 7108709917. 1

7108709918. 2
7108709919. 3
7108709920. 4

Part B Core Veterinary and Animal Sciences I

Section Id :	71087062
Section Number :	2
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 :	71087062
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 7108702481 Question Type : MCQ Option 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 Genetics was given by

1. Gregor Johann Mendel
2. William Batesan
3. Johannsen
4. Thomas Hunt Morgan

Options :

7108709921. 1
7108709922. 2

7108709923. 3

7108709924. 4

Question Number : 22 Question Id : 7108702482 Question Type : MCQ Option 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 the **List I** with **List II**

List I	List II
A. Incomplete Dominance	I. Sickle cell anaemia
B. Overdominance	II. Plumage Colour in chicken
C. Epistasis	III. Coat colour of a mouse
D. Lethal genes	IV. Blue Andalusian fowl

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

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

Options :

7108709925. 1

7108709926. 2

7108709927. 3

7108709928. 4

Question Number : 23 Question Id : 7108702483 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Knowledge of which type of inheritance is used for the sexing of day-old chick?

1. Sex linked inheritance
2. Sex limited inheritance
3. Sex influenced inheritance
4. Autosomal inheritance

Options :

7108709929. 1

7108709930. 2

7108709931. 3

7108709932. 4

Question Number : 24 Question Id : 7108702484 Question Type : MCQ Option 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 inheritance pattern in which the expression of the nuclear gene is altered without altering its sequence

1. Epigenetics
2. Maternal
3. Gene imprinting
4. Somatic mutation

Options :

7108709933. 1

7108709934. 2

7108709935. 3

7108709936. 4

Question Number : 25 Question Id : 7108702485 Question Type : MCQ Option 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 technical synonym of random mating is

1. Dysmixia
2. Synmixia
3. Panmixia
4. Ranmixia

Options :

7108709937. 1
7108709938. 2
7108709939. 3
7108709940. 4

Question Number : 26 Question Id : 7108702486 Question Type : MCQ Option 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 value observed or recorded for an individual for a quantitative trait is referred to as

1. Phenotypic value
2. Genotypic value
3. Environmental variation
4. Genotype-environment interaction

Options :

7108709941. 1
7108709942. 2
7108709943. 3
7108709944. 4

Question Number : 27 Question Id : 7108702487 Question Type : MCQ Option 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 breeding value mainly depends upon

1. Additive genetic variance
2. Dominance deviation variance
3. Epistatic variance
4. Environmental variance

Options :

- 7108709945. 1
- 7108709946. 2
- 7108709947. 3
- 7108709948. 4

Question Number : 28 Question Id : 7108702488 Question Type : MCQ Option 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 heritability estimation method is most frequently used and is easy in terms of data availability?

1. Twin analysis
2. Offspring-parent
3. Half sibs
4. Full sibs

Options :

- 7108709949. 1
- 7108709950. 2
- 7108709951. 3
- 7108709952. 4

Question Number : 29 Question Id : 7108702489 Question Type : MCQ Option 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 genetic gain per year in a population undergoing selection does NOT depend upon

1. Heritability
2. Selection differential
3. Generation interval
4. Phenocopy

Options :

- 7108709953. 1
- 7108709954. 2
- 7108709955. 3
- 7108709956. 4

Question Number : 30 Question Id : 7108702490 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Mass selection is also known as

1. Individual selection
2. Family selection
3. Pedigree selection
4. Combined selection

Options :

- 7108709957. 1
- 7108709958. 2
- 7108709959. 3
- 7108709960. 4

Question Number : 31 Question Id : 7108702491 Question Type : MCQ Option 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 gases has a green house effect?

1. Oxygen
2. Nitrogen
3. Carbon dioxide
4. Hydrogen

Options :

7108709961. 1
7108709962. 2
7108709963. 3
7108709964. 4

Question Number : 32 Question Id : 7108702492 Question Type : MCQ Option 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 vitamin is mostly affected and increased during haymaking?

1. Vitamin A
2. Vitamin D
3. Vitamin E
4. Vitamin K

Options :

7108709965. 1
7108709966. 2
7108709967. 3
7108709968. 4

Question Number : 33 Question Id : 7108702493 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Phytin phosphorus is best utilized in which one of the following animals?

1. Poultry
2. Pig
3. Horse
4. Buffalo

Options :

7108709969. 1
7108709970. 2
7108709971. 3
7108709972. 4

Question Number : 34 Question Id : 7108702494 Question Type : MCQ Option 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 vitamins has a greater chance of toxicity?

1. Vitamin A
2. Vitamin C
3. Vitamin B1
4. Vitamin B12

Options :

7108709973. 1
7108709974. 2
7108709975. 3
7108709976. 4

Question Number : 35 Question Id : 7108702495 Question Type : MCQ Option 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. Niacin	I. Cocarboxylase
B. Thiamin	II. NADP
C. Riboflavin	III. Coenzyme A
D. Pantothenic acid	IV. FAD

Choose the correct answer from the options given below

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

Options :

- 7108709977. 1
- 7108709978. 2
- 7108709979. 3
- 7108709980. 4

Question Number : 36 Question Id : 7108702496 Question Type : MCQ Option 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 preparation of artificial colostrum, which oil is used to promote the laxative action?

1. Mustard oil
2. Castor oil
3. Olive oil
4. Soyabean oil

Options :

- 7108709981. 1

7108709982. 2

7108709983. 3

7108709984. 4

Question Number : 37 Question Id : 7108702497 Question Type : MCQ Option 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 net ATP production from butyric acid is 25 per mole.

Statement II: Butyric acid is absorbed as a ketone body.

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 :

7108709985. 1

7108709986. 2

7108709987. 3

7108709988. 4

Question Number : 38 Question Id : 7108702498 Question Type : MCQ Option 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 scientists analysed the body composition of farm animals?

1. Sen and Ray
2. Ray and Ranjhan
3. Watson and Krick
4. Lawes and Gilbert

Options :

- 7108709989. 1
- 7108709990. 2
- 7108709991. 3
- 7108709992. 4

Question Number : 39 Question Id : 7108702499 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The most preferred ratio of nitrogen to sulphur in ruminants diet is:

1. 1:10
2. 10:1
3. 20:1
4. 5:1

Options :

- 7108709993. 1
- 7108709994. 2
- 7108709995. 3
- 7108709996. 4

Question Number : 40 Question Id : 7108702500 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Ascorbic acid is a dietary essential for:

1. Rat
2. Guinea pig
3. Mice
4. Pig

Options :

7108709997. 1
7108709998. 2
7108709999. 3
71087010000. 4

Question Number : 41 Question Id : 7108702501 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Cattle population is highest in which one of the following countries?

1. India
2. Brazil
3. China
4. United States of America

Options :

71087010001. 1
71087010002. 2
71087010003. 3
71087010004. 4

Question Number : 42 Question Id : 7108702502 Question Type : MCQ Option 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 essential nutrient for man, and is exclusively supplied by animal products?

1. Riboflavin and Vitamin B₁₂
2. Vitamin B₁₂ and Niacin
3. Vitamin B₁₂
4. Thiamin

Options :

71087010005. 1
71087010006. 2
71087010007. 3
71087010008. 4

Question Number : 43 Question Id : 7108702503 Question Type : MCQ Option 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: Zinc is essential for dairy cattle and it reduces the ovarian production in female

Statement II: Zinc is essential for male as its deficiency may reduce spermatozoa production in male

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 :

71087010009. 1

71087010010. 2

71087010011. 3

71087010012. 4

Question Number : 44 Question Id : 7108702504 Question Type : MCQ Option 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 pairs are correctly matched?

- A. Jaffarabadi - Gujarat
- B. Nili-Ravi - Odisha
- C. Bhadawari - Uttar Pradesh
- D. Toda - Odisha

Choose the correct answer from the options given below

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

Options :

71087010013. 1

71087010014. 2

71087010015. 3

71087010016. 4

Question Number : 45 Question Id : 7108702505 Question Type : MCQ Option 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 standard slope/gradient provided in dairy cattle sheds for the maintenance of the cleanliness is

1. 1:20
2. 1:40
3. 1:60
4. 1:80

Options :

71087010017. 1
71087010018. 2
71087010019. 3
71087010020. 4

Question Number : 46 Question Id : 7108702506 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Current feeding standards for Indian animals have been developed by which agency?

1. Indian Veterinary Research Institute, Izatnagar
2. National Dairy Research Institute, Karnal
3. Indian Council of Agricultural Research, New Delhi
4. Bureau of Indian Standards, New Delhi

Options :

71087010021. 1
71087010022. 2
71087010023. 3
71087010024. 4

Question Number : 47 Question Id : 7108702507 Question Type : MCQ Option 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: Green fodder, pastures and straws are available in sufficient quantities in India but protein concentrates supply is lacking

Statement II: Energy sources supply in India for feeding animals in India is lacking but the supply of green fodder is adequate

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 :

71087010025. 1

71087010026. 2

71087010027. 3

71087010028. 4

Question Number : 48 Question Id : 7108702508 Question Type : MCQ Option 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: Legumes are a good source of proteins, minerals and vitamins

Statement II: Grasses are better sources of energy and minerals than legume fodders

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 :

- 71087010029. 1
- 71087010030. 2
- 71087010031. 3
- 71087010032. 4

Question Number : 49 Question Id : 7108702509 Question Type : MCQ Option 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 desired body condition score in 6-point score programme for heifers up to breeding age?

1. 1.0-1.5
2. 2.0-2.5
3. 3.5-4.0
4. 4.5-5.0

Options :

- 71087010033. 1
- 71087010034. 2
- 71087010035. 3

71087010036. 4

Question Number : 50 Question Id : 7108702510 Question Type : MCQ Option 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 quantity of colostrum in terms of per cent of its body weight should be fed to a calf?

1. <5.0%
2. 10%
3. 20%
4. 40%

Options :

71087010037. 1

71087010038. 2

71087010039. 3

71087010040. 4

Question Number : 51 Question Id : 7108702511 Question Type : MCQ Option 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 emulsion based meat product?

1. Chicken Tikka
2. Tandoori chicken
3. Chicken sausages
4. Curry chicken

Options :

71087010041. 1

71087010042. 2

71087010043. 3

71087010044. 4

Question Number : 52 Question Id : 7108702512 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Name the milk product which is prepared from khoa

1. Rasgulla
2. Pontilla
3. Rabri
4. Gulabjamun

Options :

71087010045. 1
71087010046. 2
71087010047. 3
71087010048. 4

Question Number : 53 Question Id : 7108702513 Question Type : MCQ Option 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/are voluntary standard(s) for the food industry?

1. BIS only
2. FSSAI only
3. AGMARK only
4. BIS and FSSAI both

Options :

71087010049. 1
71087010050. 2
71087010051. 3
71087010052. 4

Question Number : 54 Question Id : 7108702514 Question Type : MCQ Option 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 objective method of assessment of the organoleptic quality of meat?

1. Paired Difference Test
2. Hedonic Scale
3. Shear Press Method
4. Duo-trio-test

Options :

- 71087010053. 1
- 71087010054. 2
- 71087010055. 3
- 71087010056. 4

Question Number : 55 Question Id : 7108702515 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Central Cleaning system (CCS) requires a minimum pressure of

1. 10-20 kgf/cm²
2. 20-30 kgf/cm²
3. 30-50 kgf/cm²
4. 50-70 kgf/cm²

Options :

- 71087010057. 1
- 71087010058. 2
- 71087010059. 3
- 71087010060. 4

Question Number : 56 Question Id : 7108702516 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Higher ultimate pH in animals transported for long-distance leads to

1. Soft, Exudative Meat
2. Dark, Firm Meat
3. White and Black Meat
4. Hot and Red Meat

Options :

- 71087010061. 1
- 71087010062. 2
- 71087010063. 3
- 71087010064. 4

Question Number : 57 Question Id : 7108702517 Question Type : MCQ Option 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 best quality gulab jamuns can be prepared from which of the following types of khoa?

1. Pindi
2. Dhap
3. Danedar
4. Any type of Khoa

Options :

- 71087010065. 1
- 71087010066. 2
- 71087010067. 3
- 71087010068. 4

Question Number : 58 Question Id : 7108702518 Question Type : MCQ Option 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 green colour of whey is attributed to

1. Vitamin C
2. Riboflavin
3. Vitamin D
4. Iron

Options :

71087010069. 1

71087010070. 2

71087010071. 3

71087010072. 4

Question Number : 59 Question Id : 7108702519 Question Type : MCQ Option 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 country is the biggest producer and importer of pork?

1. India
2. Iran
3. China
4. Australia

Options :

71087010073. 1

71087010074. 2

71087010075. 3

71087010076. 4

Question Number : 60 Question Id : 7108702520 Question Type : MCQ Option 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 a method of preservation of shell eggs?

1. Irradiation
2. Thermostabilization
3. Freezing
4. Canning

Options :

71087010077. 1

71087010078. 2

71087010079. 3

71087010080. 4

Question Number : 61 Question Id : 7108702521 Question Type : MCQ Option 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 species of poultry has a helmet and a protuberance on the head?

1. Ostrich
2. Emu
3. Goose
4. Guinea fowl

Options :

71087010081. 1

71087010082. 2

71087010083. 3

71087010084. 4

Question Number : 62 Question Id : 7108702522 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

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

Correct Marks : 4 Wrong Marks : 1

Bourbon red is a variety of

1. Turkey
2. Guinea fowl
3. Japanese Quail
4. Goose

Options :

71087010085. 1
71087010086. 2
71087010087. 3
71087010088. 4

Question Number : 63 Question Id : 7108702523 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Skin colour of chicken is inherited by

1. Complete dominance
2. Incomplete dominance
3. Sex-linked inheritance
4. Epistasis

Options :

71087010089. 1
71087010090. 2
71087010091. 3
71087010092. 4

Question Number : 64 Question Id : 7108702524 Question Type : MCQ Option 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 highly inheritable trait?

1. Age at sexual maturity
2. Body weight
3. Egg quality
4. Egg number

Options :

71087010093. 1

71087010094. 2

71087010095. 3

71087010096. 4

Question Number : 65 Question Id : 7108702525 Question Type : MCQ Option 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 correct descending order of feed ingredients for their Metabolizable Energy (ME) content is

1. Yellow maize > sorghum > wheat bran > rice polish
2. Sorghum > yellow maize > wheat bran > rice polish
3. Yellow maize > sorghum > rice polish > wheat bran
4. Rice polish > yellow maize > sorghum > wheat bran

Options :

71087010097. 1

71087010098. 2

71087010099. 3

71087010100. 4

Question Number : 66 Question Id : 7108702526 Question Type : MCQ Option 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 feeds contains more crude protein as per BIS (2007) compared to the others?

1. Layer phase –I
2. Grower mash
3. Broiler starter
4. Broiler finisher

Options :

71087010101. 1
71087010102. 2
71087010103. 3
71087010104. 4

Question Number : 67 Question Id : 7108702527 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Anti-nutritional factor present in fish meal is

1. Gossypol
2. Trypsin inhibitor
3. Tannins
4. Gizzerosine

Options :

71087010105. 1
71087010106. 2
71087010107. 3
71087010108. 4

Question Number : 68 Question Id : 7108702528 Question Type : MCQ Option 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 enzyme present in the salivary secretion

1. Ptyalin
2. Pepsin
3. Carboxy peptidase
4. Lipase

Options :

- 71087010109. 1
- 71087010110. 2
- 71087010111. 3
- 71087010112. 4

Question Number : 69 Question Id : 7108702529 Question Type : MCQ Option 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 only gland present in the skin of the chicken is

1. Sweat gland
2. Sebaceous gland
3. Preen gland
4. Foam gland

Options :

- 71087010113. 1
- 71087010114. 2
- 71087010115. 3
- 71087010116. 4

Question Number : 70 Question Id : 7108702530 Question Type : MCQ Option 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 protein that binds with two atoms of Fe molecule is

1. Ovomuroid
2. Ovoglobulin
3. Ovo flavoprotein
4. Conalbumin

Options :

71087010117. 1

71087010118. 2

71087010119. 3

71087010120. 4

Part C Livestock Production Management

Section Id :	71087063
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 :	71087063
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 7108702531 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

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

Correct Marks : 4 Wrong Marks : 1

Choose the correct pair with respect to goat breed and its origin

1. Teressa : Andaman & Nicobar
2. Sumi-Ne : Mizoram
3. Nandi Durga : Tamil Nadu
4. Pantja : Himachal Pradesh

Options :

71087010121. 1
71087010122. 2
71087010123. 3
71087010124. 4

Question Number : 72 Question Id : 7108702532 Question Type : MCQ Option 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 categories of animals are individually less than 0.5 Adult Animal Unit?

- A. Adult buffalo
- B. Pregnant heifer
- C. Young calf
- D. Sheep or Goat

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

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

Options :

71087010125. 1
71087010126. 2
71087010127. 3
71087010128. 4

Question Number : 73 Question Id : 7108702533 Question Type : MCQ Option 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 breeds of rabbits have their origin from USSR/ Russia?

- A. Chinchilla
- B. Grey Giant
- C. White Giant
- D. Angora

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

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

Options :

71087010129. 1
71087010130. 2
71087010131. 3
71087010132. 4

Question Number : 74 Question Id : 7108702534 Question Type : MCQ Option 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 term given for the elapsed time from the onset of a stimulus to the time that the response started?

1. Latency
2. Mean intensity
3. Bout
4. Ethogram

Options :

71087010133. 1
71087010134. 2
71087010135. 3
71087010136. 4

Question Number : 75 Question Id : 7108702535 Question Type : MCQ Option 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 pairs constitutes major component gases of bio-gas?

1. About 70 % Methane + about 30% nitrogen
2. About 60 % Methane + about 40% carbon dioxide
3. About 90 % Methane + about 10% hydrogen
4. About 70 % Methane + about 30% ammonia

Options :

71087010137. 1
71087010138. 2
71087010139. 3
71087010140. 4

Question Number : 76 Question Id : 7108702536 Question Type : MCQ Option 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 Araucana chicken, laying blue/ green colored eggs, belongs to

1. British breed
2. American breed
3. Mediterranean breed
4. Asiatic breed

Options :

71087010141. 1
71087010142. 2
71087010143. 3
71087010144. 4

Question Number : 77 Question Id : 7108702537 Question Type : MCQ Option 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 most common DNA markers placed on avian genomes?

1. VNTRs
2. Microsatellites
3. RFLPs
4. SNPs

Options :

71087010145. 1
71087010146. 2
71087010147. 3
71087010148. 4

Question Number : 78 Question Id : 7108702538 Question Type : MCQ Option 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 swine if the GE of milk is 1.3 Mcal/ kg with 65 % efficiency of absorption, what would be DE requirement per kilogram of milk production?

1. 1.4 Mcal
2. 1.6 Mcal
3. 1.8 Mcal
4. 2.0 Mcal

Options :

71087010149. 1
71087010150. 2
71087010151. 3
71087010152. 4

Question Number : 79 Question Id : 7108702539 Question Type : MCQ Option 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 percentage efficiency of conversion of energy and protein of feed will be highest for which of the following processes?

1. Milk production
2. Pork production
3. Beef production
4. Mutton production

Options :

71087010153. 1
71087010154. 2
71087010155. 3
71087010156. 4

Question Number : 80 Question Id : 7108702540 Question Type : MCQ Option 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 oil cakes is unconventional for cattle and buffaloes?

1. Mustard cake
2. Mahua seed cake
3. Linseed cake
4. Til cake

Options :

71087010157. 1

71087010158. 2

71087010159. 3

71087010160. 4

Question Number : 81 Question Id : 7108702541 Question Type : MCQ Option 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 feeding standards is based on net energy system for livestock and poultry?

1. Kellner
2. Savage
3. Armsby
4. Thaer

Options :

71087010161. 1

71087010162. 2

71087010163. 3

71087010164. 4

Question Number : 82 Question Id : 7108702542 Question Type : MCQ Option 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 ovaries of which of the following animals do NOT have outer cortex and inner medulla?

1. Bitch
2. She buffalo
3. Sow
4. Mare

Options :

71087010165. 1
71087010166. 2
71087010167. 3
71087010168. 4

Question Number : 83 Question Id : 7108702543 Question Type : MCQ Option 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 statements is NOT correct with respect to abortion in cattle?

1. Abortion storm is a characteristic sign of Brucellosis
2. Leathery plaques on placenta are pathognomonic lesions following abortion due to Brucellosis
3. Potato soup colour of pus is observed in abortion due to Trichomoniasis
4. *Campylobacter fetus* causes abortion in cows mostly during third trimester of pregnancy

Options :

71087010169. 1
71087010170. 2
71087010171. 3
71087010172. 4

Question Number : 84 Question Id : 7108702544 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Following are some traits affecting reproductive efficiency in dairy cattle. Find the concerned traits

- A. Submission rate
- B. Pregnancy rate
- C. Calving interval
- D. Dry period

Select the correct answer from the options given below

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

Options :

- 71087010173. 1
- 71087010174. 2
- 71087010175. 3
- 71087010176. 4

Question Number : 85 Question Id : 7108702545 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Sows are bred by taking them to boar pen consecutively at 12 hours interval for 2-3 days during oestrus period. Choose the correct statements

- A. Boar shows good dominance in its own pen for successful mating.
- B. The interval between the onset of oestrus and ovulation is highly variable in sows.
- C. There is continuous bombardment of eggs due to continued ovulation.
- D. It helps in achieving good exercise to sow during breeding season.

Select the correct answer from the options given below

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

Options :

71087010177. 1

71087010178. 2

71087010179. 3

71087010180. 4

Question Number : 86 Question Id : 7108702546 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

From the following choose the correct decreasing order of required covered floor space for different categories of pigs

- 1. Farrowing sow - Boar - Gilt/dry sow - Fattener
- 2. Boar - Farrowing sow - Gilt/dry sow - Fattener
- 3. Farrowing sow - Fattener - Boar - Gilt/dry sow
- 4. Boar - Farrowing sow - Fattener - Gilt/dry sow

Options :

71087010181. 1

71087010182. 2

71087010183. 3

71087010184. 4

Question Number : 87 Question Id : 7108702547 Question Type : MCQ Option 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 dung (on wet basis) would be required daily for a biogas plant of 2m³ capacity?

1. 30 - 45 kg

2. 50 - 60 kg

3. 65 - 75 kg

4. 90 -100 kg

Options :

71087010185. 1

71087010186. 2

71087010187. 3

71087010188. 4

Question Number : 88 Question Id : 7108702548 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Following statements are associated with loose housing system. Find the correct statements

- A. It is most commonly seen under rural conditions including temperate regions.
- B. It is cheaper to construct, easier to expand and it can accommodate 10 to 15% more livestock than prescribed standards, in emergency.
- C. It is convenient for managing large herd due to common watering, feeding and sanitation facilities.
- D. It is not desirable from animal welfare point of view as there will be continuous fight among animals due to social order.

Select correct answer from the options given below

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

Options :

71087010189. 1

71087010190. 2

71087010191. 3

71087010192. 4

Question Number : 89 Question Id : 7108702549 Question Type : MCQ Option 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 diagnostic tests is NOT correctly paired?

- 1. Anthrax : Widal test
- 2. Glanders : Mallein test
- 3. Brucellosis : Rose Bengal plate test
- 4. Tuberculosis : Intra-dermal test

Options :

71087010193. 1
71087010194. 2
71087010195. 3
71087010196. 4

Question Number : 90 Question Id : 7108702550 Question Type : MCQ Option 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 diseases of ruminants is caused by impaired metabolism of carbohydrates and volatile fatty acids?

1. Tympany
2. Ketosis
3. Impaction
4. Abomasal displacement

Options :

71087010197. 1
71087010198. 2
71087010199. 3
71087010200. 4

Question Number : 91 Question Id : 7108702551 Question Type : MCQ Option 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 animal quarantine certificate services, following quarantine stations were established in India. Arrange them in oldest to latest order based on their year of establishment

- A. Mumbai
- B. Delhi
- C. Chennai
- D. Kolkata

Select the correct answer from the options given below

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

Options :

- 71087010201. 1
- 71087010202. 2
- 71087010203. 3
- 71087010204. 4

Question Number : 92 Question Id : 7108702552 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Following are some of the contagious diseases. Select the diseases which require very careful management

- A. African horse sickness
- B. Blue Tongue
- C. Classical Swine Fever
- D. FMD

Select the correct answer using the options given below

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

Options :

- 71087010205. 1
- 71087010206. 2
- 71087010207. 3
- 71087010208. 4

Question Number : 93 Question Id : 7108702553 Question Type : MCQ Option 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 management practices are correctly sequenced when normally carried out in calf section?

- 1. Colostrum feeding - Weaning - Disbudding - Castration
- 2. Weaning - Disbudding - Colostrum feeding - Castration
- 3. Colostrum feeding - Castration - Weaning - Disbudding
- 4. Castration - Colostrum feeding - Disbudding - Weaning

Options :

- 71087010209. 1

71087010210. 2

71087010211. 3

71087010212. 4

Question Number : 94 Question Id : 7108702554 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

From the following choose the correct pair with respect to breed and its origin in cattle

1. Purena : Uttarakhand
2. Dogri : Rajastan
3. Shweta Kapila : Goa
4. Badri : Himachal Pradesh

Options :

71087010213. 1

71087010214. 2

71087010215. 3

71087010216. 4

Question Number : 95 Question Id : 7108702555 Question Type : MCQ Option 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 statements is true for calf feeding

1. Calf starter contains urea and molasses to increase the palatability
2. Milk replacer is given to replace the calf starter to save feeding cost
3. Milk replacer is given after five months to improve growth of calves
4. Calf starter should contain more than 18% protein and 70-75% TDN.

Options :

71087010217. 1

71087010218. 2

71087010219. 3

71087010220. 4

Question Number : 96 Question Id : 7108702556 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Following is the list of animal classes. Choose the classes having dew claws

- A. Equine
- B. Bovine
- C. Caprine
- D. Swine

Select the correct answer from the options given below

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

Options :

71087010221. 1

71087010222. 2

71087010223. 3

71087010224. 4

Question Number : 97 Question Id : 7108702557 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

From the following list of traits, identify the traits of concern for selecting the bull calves for breeding

- A. Birth weight
- B. Body conformation
- C. Dam's milk yield
- D. Progeny performance

Select the correct answer using options given below

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

Options :

71087010225. 1

71087010226. 2

71087010227. 3

71087010228. 4

Question Number : 98 Question Id : 7108702558 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Following are deficiency conditions in cattle, choose the correct pairs

- A. Night blindness: Vitamin A
- B. Infertility: Vitamin E
- C. Rickets: Vitamin D
- D. Perosis: Vitamin C

Select the correct answer using options given below

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

Options :

- 71087010229. 1
- 71087010230. 2
- 71087010231. 3
- 71087010232. 4

Question Number : 99 Question Id : 7108702559 Question Type : MCQ Option 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 orders indicates Horse Power capacity of different species in increasing (ascending) order

- 1. Donkey - Cow - Bullock - Mule - Horse
- 2. Cow - Donkey - Bullock - Mule - Horse
- 3. Donkey - Mule - Horse - Cow - Bullock
- 4. Cow - Donkey - Mule - Bullock - Horse

Options :

- 71087010233. 1

71087010234. 2

71087010235. 3

71087010236. 4

Question Number : 100 Question Id : 7108702560 Question Type : MCQ Option 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 options indicates most suitable age for taking field work from bullocks on regular basis?

1. 2.0 to 2.5 years
2. 3.5 to 4.0 years
3. 5.5 to 6.5 years
4. 7.5 to 8.0 years

Options :

71087010237. 1

71087010238. 2

71087010239. 3

71087010240. 4

Question Number : 101 Question Id : 7108702561 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Choose the breed name which is NOT found in either sheep or goat

1. Gaddi
2. Ganjam
3. Chegu
4. Changthangi

Options :

71087010241. 1

71087010242. 2

71087010243. 3

71087010244. 4

Question Number : 102 Question Id : 7108702562 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Following statements are related to goat fiber production, choose the correct statements

- A. Pashmina is obtained from Changthangi or Kashmiri goats.
- B. Mohair is obtained from Angora goats.
- C. Mohair is an under coat and harvested by combing.
- D. Fabrics made from Pashmina are costlier than Mohair.

Select the correct answer from the following options

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

Options :

71087010245. 1

71087010246. 2

71087010247. 3

71087010248. 4

Question Number : 103 Question Id : 7108702563 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Following statements are related with common vices of equines. Choose the INCORRECT statement

1. Swallowing of air by holding some object, is crib biting
2. Horse swaying/ moving its body to and fro continuously, is weaving
3. Moving one of front feet continuously, is pawing
4. Throwing feed out of manger due to which stall door closes, is bolting

Options :

71087010249. 1

71087010250. 2

71087010251. 3

71087010252. 4

Question Number : 104 Question Id : 7108702564 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Following classes of animals are kept at equine breeding farm. Choose the animals, that require shoeing

- A. Mare
- B. Stallion
- C. Foal
- D. Gelding

Select the correct answer from the following options

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

Options :

- 71087010253. 1
- 71087010254. 2
- 71087010255. 3
- 71087010256. 4

Question Number : 105 Question Id : 7108702565 Question Type : MCQ Option 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 methods of breeding gives best result in swine?

- 1. Taking boar to sow pen and retaining for few days
- 2. Keeping both boar and sow in new breeding pen
- 3. Taking boar to sow pen and bring back after every service.
- 4. Bringing sow to boar pen and bring back after every service.

Options :

71087010257. 1

71087010258. 2

71087010259. 3

71087010260. 4

Question Number : 106 Question Id : 7108702566 Question Type : MCQ Option 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 behaviours is NOT exhibited by sows during farrowing?

1. Grunting
2. Savaging
3. Bolting
4. Nesting

Options :

71087010261. 1

71087010262. 2

71087010263. 3

71087010264. 4

Question Number : 107 Question Id : 7108702567 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Following statements are related to care of newly born rabbit kits (kitten). Choose the correct statements

- A. Nest boxes are very much essential to allow normal kindling.
- B. Kits (kitten) are born hairless with their eyes closed and they open their eyes around 10-14 days.
- C. Doe nurses her kits 10-12 times a day during first week of kindling.
- D. Doe adopts her kittens only after a week of kindling.

Select correct answer from the options given below

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

Options :

- 71087010265. 1
- 71087010266. 2
- 71087010267. 3
- 71087010268. 4

Question Number : 108 Question Id : 7108702568 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Shell treatment of eggs is done to reduce

- 1. Oxygen loss
- 2. Carbon dioxide loss
- 3. Energy loss
- 4. Hatchability loss

Options :

- 71087010269. 1

71087010270. 2

71087010271. 3

71087010272. 4

Question Number : 109 Question Id : 7108702569 Question Type : MCQ Option 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 should be the ideal velocity of tunnel ventilation in poultry houses?

1. 150 ft/ minute
2. 250 ft/ minute
3. 350 ft/ minute
4. 550 ft/ minute

Options :

71087010273. 1

71087010274. 2

71087010275. 3

71087010276. 4

Question Number : 110 Question Id : 7108702570 Question Type : MCQ Option 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 year battery cages for housing poultry were first developed?

1. 1930
2. 1940
3. 1950
4. 1960

Options :

71087010277. 1

71087010278. 2

71087010279. 3

71087010280. 4

Question Number : 111 Question Id : 7108702571 Question Type : MCQ Option 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 Indian Ape?

1. Gorilla
2. Chimpanzee
3. Hoolock Gibbon
4. Orangutan

Options :

- 71087010281. 1
- 71087010282. 2
- 71087010283. 3
- 71087010284. 4

Question Number : 112 Question Id : 7108702572 Question Type : MCQ Option 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 statements are related to anatomical features of elephants

- A. The lungs remain diffusely adhered to the chest wall due to the lack of pleural cavity.
- B. Elephants have no lachrymal apparatus.
- C. Their testicles are present in scrotal pouch projecting outside the body.
- D. Their mammary glands are present in thoracic region.

Select the correct answer from the options given below

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

Options :

- 71087010285. 1
- 71087010286. 2
- 71087010287. 3
- 71087010288. 4

Question Number : 113 Question Id : 7108702573 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Following anatomical features are possessed by members of Cervidae family. These features can be used to differentiate them from Bovines.

- A. Cervids possess branched antlers which are shed after breeding season is over.
- B. Most of the cervids possess tusks or canine teeth in the upper jaw.
- C. Gall bladder is absent in all deer species.
- D. Pudu deer are the smallest deer.

Select correct answer from the options given below

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

Options :

71087010289. 1

71087010290. 2

71087010291. 3

71087010292. 4

Question Number : 114 Question Id : 7108702574 Question Type : MCQ Option 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 content of DCP defines maintenance type of roughage on dry matter basis?

- 1. < 3 % DCP
- 2. 3 - 5 % DCP
- 3. 6 - 7 % DCP
- 4. > 7 % DCP

Options :

71087010293. 1
71087010294. 2
71087010295. 3
71087010296. 4

Question Number : 115 Question Id : 7108702575 Question Type : MCQ Option 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 the best forage crop for hay making during Rabi season?

1. Berseem
2. Maize
3. Oats
4. Hybrid Napier

Options :

71087010297. 1
71087010298. 2
71087010299. 3
71087010300. 4

Question Number : 116 Question Id : 7108702576 Question Type : MCQ Option 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 Karnal process of improving nutritive value of poor quality roughages, they are first treated with urea followed by treatment with

1. Sodium hydroxide
2. *Coprinus fimetarius*
3. *Pleurotus sp.*
4. Potassium hydroxide

Options :

- 71087010301. 1
- 71087010302. 2
- 71087010303. 3
- 71087010304. 4

Question Number : 117 Question Id : 7108702577 Question Type : MCQ Option 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 specifications of B.I.S., what should be the weight of 'A large' grade eggs?

- 1. 45-52 g
- 2. 53-59 g
- 3. 60-65 g
- 4. 65-70 g

Options :

- 71087010305. 1
- 71087010306. 2
- 71087010307. 3
- 71087010308. 4

Question Number : 118 Question Id : 7108702578 Question Type : MCQ Option 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 year WTO, formerly known as GATT, was established?

- 1. 1985
- 2. 1995
- 3. 2005
- 4. 2015

Options :

- 71087010309. 1

71087010310. 2

71087010311. 3

71087010312. 4

Question Number : 119 Question Id : 7108702579 Question Type : MCQ Option 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 year APEDA was established?

1. 1985

2. 1988

3. 1990

4. 1995

Options :

71087010313. 1

71087010314. 2

71087010315. 3

71087010316. 4

Question Number : 120 Question Id : 7108702580 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

With respect to poultry products, what is the main objective of Agrocorpex?

1. Production

2. Marketing

3. Breeding

4. Extension

Options :

71087010317. 1

71087010318. 2

71087010319. 3

71087010320.4