

National Testing Agency

Question Paper Name :	Poultry Science 23rd Sep 2020 Shift 2 Set 2
Subject Name :	Poultry Science
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Share Answer Key With Delivery Engine :	Yes
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Poultry Science

Group Number :	1
Group Id :	71087023
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 :	71087067
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 : 71087067
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 7108702701 Question Type : MCQ Option 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 :

71087010801. 1
71087010802. 2
71087010803. 3
71087010804. 4

Question Number : 2 Question Id : 7108702702 Question Type : MCQ Option 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 :

- 71087010805. 1
- 71087010806. 2
- 71087010807. 3
- 71087010808. 4

Question Number : 3 Question Id : 7108702703 Question Type : MCQ Option 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 :

- 71087010809. 1

71087010810. 2

71087010811. 3

71087010812. 4

Question Number : 4 Question Id : 7108702704 Question Type : MCQ Option 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 :

71087010813. 1

71087010814. 2

71087010815. 3

71087010816. 4

Question Number : 5 Question Id : 7108702705 Question Type : MCQ Option 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 :

71087010817. 1

71087010818. 2

71087010819. 3

71087010820. 4

Question Number : 6 Question Id : 7108702706 Question Type : MCQ Option 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 :

- 71087010821. 1
- 71087010822. 2
- 71087010823. 3
- 71087010824. 4

Question Number : 7 Question Id : 7108702707 Question Type : MCQ Option 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 :

- 71087010825. 1
- 71087010826. 2
- 71087010827. 3
- 71087010828. 4

Question Number : 8 Question Id : 7108702708 Question Type : MCQ Option 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 :

71087010829. 1
71087010830. 2
71087010831. 3
71087010832. 4

Question Number : 9 Question Id : 7108702709 Question Type : MCQ Option 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 :

71087010833. 1
71087010834. 2
71087010835. 3
71087010836. 4

Question Number : 10 Question Id : 7108702710 Question Type : MCQ Option 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 :

71087010837. 1

71087010838. 2

71087010839. 3

71087010840. 4

Question Number : 11 Question Id : 7108702711 Question Type : MCQ Option 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 :

71087010841. 1

71087010842. 2

71087010843. 3

71087010844. 4

Question Number : 12 Question Id : 7108702712 Question Type : MCQ Option 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 :

71087010845. 1
71087010846. 2
71087010847. 3
71087010848. 4

Question Number : 13 Question Id : 7108702713 Question Type : MCQ Option 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 :

71087010849. 1
71087010850. 2
71087010851. 3
71087010852. 4

Question Number : 14 Question Id : 7108702714 Question Type : MCQ Option 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 :

- 71087010853. 1
- 71087010854. 2
- 71087010855. 3
- 71087010856. 4

Question Number : 15 Question Id : 7108702715 Question Type : MCQ Option 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 :

- 71087010857. 1
- 71087010858. 2
- 71087010859. 3
- 71087010860. 4

Question Number : 16 Question Id : 7108702716 Question Type : MCQ Option 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 :

- 71087010861. 1
- 71087010862. 2
- 71087010863. 3
- 71087010864. 4

Question Number : 17 Question Id : 7108702717 Question Type : MCQ Option 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 :

- 71087010865. 1
- 71087010866. 2
- 71087010867. 3
- 71087010868. 4

Question Number : 18 Question Id : 7108702718 Question Type : MCQ Option 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 :

- 71087010869. 1
- 71087010870. 2
- 71087010871. 3
- 71087010872. 4

Question Number : 19 Question Id : 7108702719 Question Type : MCQ Option 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 :

- 71087010873. 1
- 71087010874. 2
- 71087010875. 3
- 71087010876. 4

Question Number : 20 Question Id : 7108702720 Question Type : MCQ Option 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 :

- 71087010877. 1

71087010878. 2
71087010879. 3
71087010880. 4

Part B Core Veterinary and Animal Sciences I

Section Id :	71087068
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 :	71087068
Question Shuffling Allowed :	Yes

**Question Number : 21 Question Id : 7108702721 Question Type : MCQ Option 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 :

71087010881. 1
71087010882. 2

71087010883. 3

71087010884. 4

Question Number : 22 Question Id : 7108702722 Question Type : MCQ Option 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 :

71087010885. 1

71087010886. 2

71087010887. 3

71087010888. 4

Question Number : 23 Question Id : 7108702723 Question Type : MCQ Option 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 :

71087010889. 1

71087010890. 2

71087010891. 3

71087010892. 4

Question Number : 24 Question Id : 7108702724 Question Type : MCQ Option 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 :

71087010893. 1

71087010894. 2

71087010895. 3

71087010896. 4

Question Number : 25 Question Id : 7108702725 Question Type : MCQ Option 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 :

71087010897. 1
71087010898. 2
71087010899. 3
71087010900. 4

Question Number : 26 Question Id : 7108702726 Question Type : MCQ Option 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 :

71087010901. 1
71087010902. 2
71087010903. 3
71087010904. 4

Question Number : 27 Question Id : 7108702727 Question Type : MCQ Option 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 :

71087010905. 1

71087010906. 2

71087010907. 3

71087010908. 4

Question Number : 28 Question Id : 7108702728 Question Type : MCQ Option 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 :

71087010909. 1

71087010910. 2

71087010911. 3

71087010912. 4

Question Number : 29 Question Id : 7108702729 Question Type : MCQ Option 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 :

71087010913. 1

71087010914. 2

71087010915. 3

71087010916. 4

Question Number : 30 Question Id : 7108702730 Question Type : MCQ Option 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 :

71087010917. 1

71087010918. 2

71087010919. 3

71087010920. 4

Question Number : 31 Question Id : 7108702731 Question Type : MCQ Option 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 :

71087010921. 1
71087010922. 2
71087010923. 3
71087010924. 4

Question Number : 32 Question Id : 7108702732 Question Type : MCQ Option 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 :

71087010925. 1
71087010926. 2
71087010927. 3
71087010928. 4

Question Number : 33 Question Id : 7108702733 Question Type : MCQ Option 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 :

71087010929. 1
71087010930. 2
71087010931. 3
71087010932. 4

Question Number : 34 Question Id : 7108702734 Question Type : MCQ Option 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 :

71087010933. 1
71087010934. 2
71087010935. 3
71087010936. 4

Question Number : 35 Question Id : 7108702735 Question Type : MCQ Option 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 :

- 71087010937. 1
- 71087010938. 2
- 71087010939. 3
- 71087010940. 4

Question Number : 36 Question Id : 7108702736 Question Type : MCQ Option 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 :

- 71087010941. 1

71087010942. 2

71087010943. 3

71087010944. 4

Question Number : 37 Question Id : 7108702737 Question Type : MCQ Option 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 :

71087010945. 1

71087010946. 2

71087010947. 3

71087010948. 4

Question Number : 38 Question Id : 7108702738 Question Type : MCQ Option 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 :

71087010949. 1

71087010950. 2

71087010951. 3

71087010952. 4

Question Number : 39 Question Id : 7108702739 Question Type : MCQ Option 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 :

71087010953. 1

71087010954. 2

71087010955. 3

71087010956. 4

Question Number : 40 Question Id : 7108702740 Question Type : MCQ Option 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 :

71087010957. 1

71087010958. 2

71087010959. 3

71087010960. 4

Question Number : 41 Question Id : 7108702741 Question Type : MCQ Option 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 :

71087010961. 1

71087010962. 2

71087010963. 3

71087010964. 4

Question Number : 42 Question Id : 7108702742 Question Type : MCQ Option 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 :

71087010965. 1
71087010966. 2
71087010967. 3
71087010968. 4

Question Number : 43 Question Id : 7108702743 Question Type : MCQ Option 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 :

71087010969. 1

71087010970. 2

71087010971. 3

71087010972. 4

Question Number : 44 Question Id : 7108702744 Question Type : MCQ Option 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 :

71087010973. 1

71087010974. 2

71087010975. 3

71087010976. 4

Question Number : 45 Question Id : 7108702745 Question Type : MCQ Option 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 :

71087010977. 1
71087010978. 2
71087010979. 3
71087010980. 4

Question Number : 46 Question Id : 7108702746 Question Type : MCQ Option 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 :

71087010981. 1
71087010982. 2
71087010983. 3
71087010984. 4

Question Number : 47 Question Id : 7108702747 Question Type : MCQ Option 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 :

71087010985. 1

71087010986. 2

71087010987. 3

71087010988. 4

Question Number : 48 Question Id : 7108702748 Question Type : MCQ Option 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 :

71087010989. 1

71087010990. 2

71087010991. 3

71087010992. 4

Question Number : 49 Question Id : 7108702749 Question Type : MCQ Option 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 :

71087010993. 1

71087010994. 2

71087010995. 3

71087010996. 4

Question Number : 50 Question Id : 7108702750 Question Type : MCQ Option 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 :

71087010997. 1

71087010998. 2

71087010999. 3

71087011000. 4

Question Number : 51 Question Id : 7108702751 Question Type : MCQ Option 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 :

71087011001. 1

71087011002. 2

71087011003. 3

71087011004. 4

Question Number : 52 Question Id : 7108702752 Question Type : MCQ Option 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 :

71087011005. 1
71087011006. 2
71087011007. 3
71087011008. 4

Question Number : 53 Question Id : 7108702753 Question Type : MCQ Option 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 :

71087011009. 1
71087011010. 2
71087011011. 3
71087011012. 4

Question Number : 54 Question Id : 7108702754 Question Type : MCQ Option 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 :

- 71087011013. 1
- 71087011014. 2
- 71087011015. 3
- 71087011016. 4

Question Number : 55 Question Id : 7108702755 Question Type : MCQ Option 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 :

- 71087011017. 1
- 71087011018. 2
- 71087011019. 3
- 71087011020. 4

Question Number : 56 Question Id : 7108702756 Question Type : MCQ Option 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 :

- 71087011021. 1
- 71087011022. 2
- 71087011023. 3
- 71087011024. 4

Question Number : 57 Question Id : 7108702757 Question Type : MCQ Option 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 :

- 71087011025. 1
- 71087011026. 2
- 71087011027. 3
- 71087011028. 4

Question Number : 58 Question Id : 7108702758 Question Type : MCQ Option 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 :

71087011029. 1
71087011030. 2
71087011031. 3
71087011032. 4

Question Number : 59 Question Id : 7108702759 Question Type : MCQ Option 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 :

71087011033. 1
71087011034. 2
71087011035. 3
71087011036. 4

Question Number : 60 Question Id : 7108702760 Question Type : MCQ Option 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 :

71087011037. 1

71087011038. 2

71087011039. 3

71087011040. 4

Question Number : 61 Question Id : 7108702761 Question Type : MCQ Option 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 :

71087011041. 1

71087011042. 2

71087011043. 3

71087011044. 4

Question Number : 62 Question Id : 7108702762 Question Type : MCQ Option 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 :

71087011045. 1
71087011046. 2
71087011047. 3
71087011048. 4

Question Number : 63 Question Id : 7108702763 Question Type : MCQ Option 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 :

71087011049. 1
71087011050. 2
71087011051. 3
71087011052. 4

Question Number : 64 Question Id : 7108702764 Question Type : MCQ Option 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 :

71087011053. 1

71087011054. 2

71087011055. 3

71087011056. 4

Question Number : 65 Question Id : 7108702765 Question Type : MCQ Option 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 :

71087011057. 1

71087011058. 2

71087011059. 3

71087011060. 4

Question Number : 66 Question Id : 7108702766 Question Type : MCQ Option 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 :

71087011061. 1
71087011062. 2
71087011063. 3
71087011064. 4

Question Number : 67 Question Id : 7108702767 Question Type : MCQ Option 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 :

71087011065. 1
71087011066. 2
71087011067. 3
71087011068. 4

Question Number : 68 Question Id : 7108702768 Question Type : MCQ Option 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 :

71087011069. 1
71087011070. 2
71087011071. 3
71087011072. 4

Question Number : 69 Question Id : 7108702769 Question Type : MCQ Option 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 :

71087011073. 1
71087011074. 2
71087011075. 3
71087011076. 4

Question Number : 70 Question Id : 7108702770 Question Type : MCQ Option 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 :

71087011077. 1

71087011078. 2

71087011079. 3

71087011080. 4

Part C Poultry Science

Section Id :	71087069
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 :	71087069
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 7108702771 Question Type : MCQ Option 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 breed of duck is native of Kerala?

1. Kuttanad
2. Patti
3. Nageswari
4. Sylhet mete

Options :

71087011081. 1
71087011082. 2
71087011083. 3
71087011084. 4

Question Number : 72 Question Id : 7108702772 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

This breed of chicken is mostly found in tribal region of Jhabua and Dhar districts of Madhya Pradesh, India.

1. Aseel peela
2. Busra
3. Kadaknath
4. Chittagong

Options :

71087011085. 1
71087011086. 2
71087011087. 3
71087011088. 4

Question Number : 73 Question Id : 7108702773 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Cock feathering is a

1. Sex linked trait
2. Sex limited trait
3. Sex influenced trait
4. Dominant trait

Options :

71087011089. 1

71087011090. 2

71087011091. 3

71087011092. 4

Question Number : 74 Question Id : 7108702774 Question Type : MCQ Option 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 intensity or rigidity of selection for flock improvement is known as

1. Selection pressure
2. Selection index
3. Mass selection
4. Family selection

Options :

71087011093. 1

71087011094. 2

71087011095. 3

71087011096. 4

Question Number : 75 Question Id : 7108702775 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Osborne's index of selection for egg number in layer chicken is a

1. Single trait and single source index
2. Single trait and multi source index
3. Multi trait and multi source index
4. Multi trait and single source index

Options :

71087011097. 1

71087011098. 2

71087011099. 3

71087011100. 4

Question Number : 76 Question Id : 7108702776 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Ducks, Geese and swans belong to the family

1. *Phasianidae*
2. *Numididae*
3. *Anatidae*
4. *Columbidae*

Options :

71087011101. 1

71087011102. 2

71087011103. 3

71087011104. 4

Question Number : 77 Question Id : 7108702777 Question Type : MCQ Option 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 poultry, the female is

1. Homogametic
2. Heterogametic
3. Unigametic
4. Trigametic

Options :

71087011105. 1
71087011106. 2
71087011107. 3
71087011108. 4

Question Number : 78 Question Id : 7108702778 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

If the truncation point for selection is fixed at mean \pm 1 SD, the proportion of population selected would be around

1. 12 %
2. 14 %
3. 16 %
4. 18 %

Options :

71087011109. 1
71087011110. 2
71087011111. 3
71087011112. 4

Question Number : 79 Question Id : 7108702779 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Archaeological evidence indicates that poultry was being reared by the people of the Indus Valley Civilization circa

1. 3000 - 2500 BC
2. 2500 - 2000 BC
3. 2000 - 1500 BC
4. 1500 - 1000 BC

Options :

- 71087011113. 1
- 71087011114. 2
- 71087011115. 3
- 71087011116. 4

Question Number : 80 Question Id : 7108702780 Question Type : MCQ Option 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 selection experiment in layer chicken, the

Average egg production in base population is 300 eggs;

Average egg production of selected parents is 320 eggs;

Average egg production of the first generation of progenies is 305 eggs;

Then what is the realized heritability for egg production?

1. 0.067
2. 0.10
3. 0.15
4. 0.20

Options :

- 71087011117. 1

71087011118. 2

71087011119. 3

71087011120. 4

Question Number : 81 Question Id : 7108702781 Question Type : MCQ Option 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 condition is NOT essential for patenting any invention?

1. Novelty
2. Industrial applicability
3. Stability
4. Inventiveness

Options :

71087011121. 1

71087011122. 2

71087011123. 3

71087011124. 4

Question Number : 82 Question Id : 7108702782 Question Type : MCQ Option 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 molecular markers

List I	List II
A. RFLP	I. PCR-RFLP
B. RAPD	II. Restriction enzymes
C. CAPS	III. Differential rate of migration in gel due to single base change
D. PCR-SSCP	IV. Short random primer sequences

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

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

Options :

- 71087011125. 1
- 71087011126. 2
- 71087011127. 3
- 71087011128. 4

Question Number : 83 Question Id : 7108702783 Question Type : MCQ Option 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 feed antioxidant?

1. Formic acid
2. Ethoxyquin
3. Diclazuril
4. Zeolite

Options :

- 71087011129. 1
- 71087011130. 2

71087011131. 3

71087011132. 4

Question Number : 84 Question Id : 7108702784 Question Type : MCQ Option 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 secreted in gizzard?

1. Koilin
2. Carboxy peptidase
3. Pepsinogen
4. Trypsinogen

Options :

71087011133. 1

71087011134. 2

71087011135. 3

71087011136. 4

Question Number : 85 Question Id : 7108702785 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

While pelleting, due to steam cooking, the temperature of feed increases to

1. 85 - 90°C
2. 80 - 85°C
3. 75 - 80°C
4. 70 - 75°C

Options :

71087011137. 1

71087011138. 2

71087011139. 3

71087011140. 4

Question Number : 86 Question Id : 7108702786 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The maximum prescribed limit for Aflatoxin B1 in complete poultry feed, as per BIS (2007) is

1. 2 mg/kg
2. 0.2 mg/kg
3. 0.02 mg/kg
4. 20 mg/kg

Options :

71087011141. 1
71087011142. 2
71087011143. 3
71087011144. 4

Question Number : 87 Question Id : 7108702787 Question Type : MCQ Option 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 metabolizable energy (ME) requirements for poultry are higher than net energy (NE) requirements by

1. 10 %
2. 18 %
3. 26 %
4. 35 %

Options :

71087011145. 1
71087011146. 2
71087011147. 3
71087011148. 4

Question Number : 88 Question Id : 7108702788 Question Type : MCQ Option 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 metallo enzyme containing Molybdenum is

1. Xanthine oxidase
2. Glutathione peroxidase
3. Carbonic anhydrase
4. Alkaline phosphatase

Options :

- 71087011149. 1
- 71087011150. 2
- 71087011151. 3
- 71087011152. 4

Question Number : 89 Question Id : 7108702789 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Erratic Ovulation and Defective Egg Syndrome (EODES) observed in heavy breeds is due to excess feeding of

1. Calcium
2. Protein
3. Vitamin E
4. Energy

Options :

- 71087011153. 1
- 71087011154. 2
- 71087011155. 3
- 71087011156. 4

Question Number : 90 Question Id : 7108702790 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

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

'Pteroylmonoglutamic acid' is popularly known as

1. Folic acid
2. Nicotinic acid
3. Animal protein factor
4. Pantothenic acid

Options :

- 71087011157. 1
- 71087011158. 2
- 71087011159. 3
- 71087011160. 4

**Question Number : 91 Question Id : 7108702791 Question Type : MCQ Option 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 vitamin involved in the formation of Melanyl CoA from Acetyl CoA, that is a primary reaction in fatty acid synthesis is

1. Riboflavin
2. Biotin
3. Niacin
4. Folic acid

Options :

- 71087011161. 1
- 71087011162. 2
- 71087011163. 3
- 71087011164. 4

**Question Number : 92 Question Id : 7108702792 Question Type : MCQ Option 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 calorie : protein ratio in broiler finisher ration is around

1. 132 : 143
2. 139 : 145
3. 152 : 165
4. 200 : 205

Options :

- 71087011165. 1
- 71087011166. 2
- 71087011167. 3
- 71087011168. 4

Question Number : 93 Question Id : 7108702793 Question Type : MCQ Option 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: Approximate length of infundibulum is 7.5 to 10 cm.

Statement II: Approximate length of isthmus is 37 to 38 cm.

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 :

- 71087011169. 1
- 71087011170. 2

71087011171. 3

71087011172. 4

Question Number : 94 Question Id : 7108702794 Question Type : MCQ Option 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 species, in which one do the sperms remain active in sperm storage tubules the longest?

1. Japanese quail
2. Ducks
3. Turkey
4. Chicken

Options :

71087011173. 1

71087011174. 2

71087011175. 3

71087011176. 4

Question Number : 95 Question Id : 7108702795 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The primary hormone produced by granulosa cells of hierarchal ovarian follicles is

1. Estrogen
2. Progesterone
3. Androgen
4. Vasoactive intestinal peptide

Options :

71087011177. 1

71087011178. 2

71087011179. 3

71087011180. 4

Question Number : 96 Question Id : 7108702796 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Pre-ovulatory Luteinizing hormone (LH) surge pattern in a laying hen occurs

1. 2 - 4 hrs before ovulation
2. 4 - 6 hrs before ovulation
3. 6 - 10 hrs before ovulation
4. 10 - 12 hrs before ovulation

Options :

- 71087011181. 1
- 71087011182. 2
- 71087011183. 3
- 71087011184. 4

Question Number : 97 Question Id : 7108702797 Question Type : MCQ Option 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 jejunal wall secretes which of the following proteolytic enzymes?

- A. Peptidase
- B. Polynucleotidase
- C. Exo-peptidase
- D. Carboxy-peptidase
- E. Amino-peptidase

Select the most appropriate answer from the options given below:

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

Options :

- 71087011185. 1
- 71087011186. 2
- 71087011187. 3
- 71087011188. 4

Question Number : 98 Question Id : 7108702798 Question Type : MCQ Option 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 stigma is clearly seen in

1. Prehierarchical follicles
2. Small white follicles
3. Small yellow follicles
4. Large yellow follicles

Options :

71087011189. 1

71087011190. 2

71087011191. 3

71087011192. 4

Question Number : 99 Question Id : 7108702799 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Testosterone, the principal male steroid hormone is secreted by

1. Sertoli cells
2. Basal lamina
3. Leydig cells
4. Spermatogonia

Options :

71087011193. 1

71087011194. 2

71087011195. 3

71087011196. 4

Question Number : 100 Question Id : 7108702800 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Fat digestibility is influenced by

- A. The chain length of fatty acids
- B. The number of double bond in the fatty acids
- C. Age of the chickens
- D. The intestinal microflora

From the above statements, choose the **most suitable** answer from the options given below

- 1. A, B and C only
- 2. A and B only
- 3. A, B, C and D
- 4. None of A, B, C and D

Options :

- 71087011197. 1
- 71087011198. 2
- 71087011199. 3
- 71087011200. 4

Question Number : 101 Question Id : 7108702801 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

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

Correct Marks : 4 Wrong Marks : 1

Parthenogenesis is commonly found in

- 1. Chicken
- 2. Quail
- 3. Duck
- 4. Turkey

Options :

- 71087011201. 1

71087011202. 2

71087011203. 3

71087011204. 4

Question Number : 102 Question Id : 7108702802 Question Type : MCQ Option 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 primary activity of prolactin?

1. Incubation of eggs
2. Crop milk secretion
3. Development of brood patch
4. Sexual maturity

Options :

71087011205. 1

71087011206. 2

71087011207. 3

71087011208. 4

Question Number : 103 Question Id : 7108702803 Question Type : MCQ Option 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 of the egg that binds with biotin is

1. Ovotransferrin
2. Flavoprotein
3. Avidin
4. Ovomacroglobulin

Options :

71087011209. 1

71087011210. 2

71087011211. 3

71087011212. 4

Question Number : 104 Question Id : 7108702804 Question Type : MCQ Option 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
Egg spoilage type	Microorganism
A. Black rot	I. <i>Serratia marcescens</i>
B. Red rot	II. <i>Flavobacterium sp.</i>
C. Green rot	III. <i>Proteus sp.</i>
D. Yellow rot	IV. <i>Pseudomonas sp.</i>

Choose the correct answer from the options given below

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

Options :

71087011213. 1

71087011214. 2

71087011215. 3

71087011216. 4

Question Number : 105 Question Id : 7108702805 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Average protein content of poultry meat is

1. 19 %
2. 25 %
3. 28 %
4. 33 %

Options :

- 71087011217. 1
- 71087011218. 2
- 71087011219. 3
- 71087011220. 4

Question Number : 106 Question Id : 7108702806 Question Type : MCQ Option 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 first farm to venture into branded eggs production in India is

1. SKM egg products
2. Suguna poultry
3. Kegg farms
4. Venky's group

Options :

- 71087011221. 1
- 71087011222. 2
- 71087011223. 3
- 71087011224. 4

Question Number : 107 Question Id : 7108702807 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Compared to outer shell membrane, the inner shell membrane is

1. Similar in thickness
2. Three times thicker
3. Five times thicker
4. Ten times thicker

Options :

71087011225. 1

71087011226. 2

71087011227. 3

71087011228. 4

Question Number : 108 Question Id : 7108702808 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

'Well done meat' is cooked to an internal temperature of

1. 70 – 75 °C
2. 75 – 77 °C
3. 80 – 82 °C
4. 95 – 100 °C

Options :

71087011229. 1

71087011230. 2

71087011231. 3

71087011232. 4

Question Number : 109 Question Id : 7108702809 Question Type : MCQ Option 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 set of reproduction organs are functional in mature avian species?

1. Right ovary and right oviduct
2. Left ovary and left oviduct
3. Both ovaries and both oviducts
4. Both ovaries, but only left oviduct

Options :

71087011233. 1

71087011234. 2

71087011235. 3

71087011236. 4

Question Number : 110 Question Id : 7108702810 Question Type : MCQ Option 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 drinking water sanitizer?

1. Bleaching powder
2. Sodium dichloro-isocyanurate
3. Formalin
4. Chlorine dioxide

Options :

71087011237. 1

71087011238. 2

71087011239. 3

71087011240. 4

Question Number : 111 Question Id : 7108702811 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Light bulbs of which colour are often used to reduce cannibalism?

1. Green
2. Yellow
3. White
4. Red

Options :

71087011241. 1
71087011242. 2
71087011243. 3
71087011244. 4

Question Number : 112 Question Id : 7108702812 Question Type : MCQ Option 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 layer farm with 1+1+6 multiple batch system, the chicks are purchased at an interval of

1. 10 weeks
2. 12 weeks
3. 16 weeks
4. 20 weeks

Options :

71087011245. 1
71087011246. 2
71087011247. 3
71087011248. 4

Question Number : 113 Question Id : 7108702813 Question Type : MCQ Option 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 optimum number of setters and hatchers required for hatchery to produce around 33,000 chicks per week. Consider setter capacity of 30,000 eggs, hatcher capacity of 10,000 eggs and hatchability of 80-85% on total egg set.

1. 3 setters and 1 hatcher
2. 4 setters and 2 hatchers
3. 5 setters and 3 hatchers
4. 6 setters and 3 hatchers

Options :

- 71087011249. 1
- 71087011250. 2
- 71087011251. 3
- 71087011252. 4

Question Number : 114 Question Id : 7108702814 Question Type : MCQ Option 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 European Directive (2013), the cage system of rearing must provide floor, feeding and perch spaces respectively, for each hen of

1. 450 cm², 12 cm and 12 cm
2. 450 cm², 15 cm and 15 cm
3. 700 cm², 15 cm and 12 cm
4. 700 cm², 12 cm and 15 cm

Options :

- 71087011253. 1
- 71087011254. 2
- 71087011255. 3
- 71087011256. 4

Question Number : 115 Question Id : 7108702815 Question Type : MCQ Option 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 '*Market Research*' is the synonym of

1. Market survey
2. Market index
3. Market potential
4. Market availability

Options :

71087011257. 1

71087011258. 2

71087011259. 3

71087011260. 4

Question Number : 116 Question Id : 7108702816 Question Type : MCQ Option 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 '*Egg-Feed price ratio*' is profitable for farmers?

1. 4.0
2. 3.0
3. 2.5
4. 2.0

Options :

71087011261. 1

71087011262. 2

71087011263. 3

71087011264. 4

Question Number : 117 Question Id : 7108702817 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

After the commencement of economic reforms, the whole range of poultry products are placed under

1. Restricted category
2. Banned category
3. Open General License category
4. Notified category

Options :

- 71087011265. 1
- 71087011266. 2
- 71087011267. 3
- 71087011268. 4

Question Number : 118 Question Id : 7108702818 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

'Know your product before you try to sell it', is the

1. New market axiom
2. Old market axiom
3. Recent market axiom
4. Profitable market axiom

Options :

- 71087011269. 1
- 71087011270. 2
- 71087011271. 3
- 71087011272. 4

Question Number : 119 Question Id : 7108702819 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

'Pericarditis with milky or fibrinous exudate' is the common lesion in

1. Fowl pox
2. Paratyphoid infections
3. New castle disease
4. Avian encephalomyelitis

Options :

71087011273. 1

71087011274. 2

71087011275. 3

71087011276. 4

Question Number : 120 Question Id : 7108702820 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

'Parrot Beak' symptom is commonly found in the deficiency of

1. Zinc
2. Copper
3. Magnesium
4. Manganese

Options :

71087011277. 1

71087011278. 2

71087011279. 3

71087011280. 4