

# National Testing Agency

<b>Question Paper Name :</b>	Poultry Science 17th September Shift 2
<b>Subject Name :</b>	Poultry Science
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<b>Display Marks:</b>	Yes

## Poultry Science

<b>Group Number :</b>	1
<b>Group Id :</b>	19088995
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	120
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Break time :</b>	0
<b>Group Marks :</b>	480
<b>Is this Group for Examiner? :</b>	No

## Part A: General Knowledge

<b>Section Id :</b>	190889209
<b>Section Number :</b>	1
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory

<b>Number of Questions :</b>	20
<b>Number of Questions to be attempted :</b>	20
<b>Section Marks :</b>	80
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	190889249
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 19088910702 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

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

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

**Options :**

19088942701. 1

19088942702. 2

19088942703. 3

19088942704. 4

**Question Number : 2 Question Id : 19088910703 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Optical fibre used the concept of which of the following?

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

**Options :**

- 19088942705. 1
- 19088942706. 2
- 19088942707. 3
- 19088942708. 4

**Question Number : 3 Question Id : 19088910704 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

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

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

**Options :**

- 19088942709. 1
- 19088942710. 2
- 19088942711. 3
- 19088942712. 4

**Question Number : 4 Question Id : 19088910705 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

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

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

**Options :**

- 19088942713. 1
- 19088942714. 2
- 19088942715. 3



19088942716. 4

**Question Number : 5 Question Id : 19088910706 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

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

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

**Options :**

19088942717. 1

19088942718. 2

19088942719. 3

19088942720. 4

**Question Number : 6 Question Id : 19088910707 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

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

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

**Options :**

19088942721. 1

19088942722. 2

19088942723. 3

19088942724. 4

**Question Number : 7 Question Id : 19088910708 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**



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

The digital computer operates on which of the following principle?

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

**Options :**

19088942725. 1

19088942726. 2

19088942727. 3

19088942728. 4

**Question Number : 8 Question Id : 19088910709 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

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

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

**Options :**

19088942729. 1

19088942730. 2

19088942731. 3

19088942732. 4

**Question Number : 9 Question Id : 19088910710 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

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

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

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

**Options :**

19088942733. 1

19088942734. 2

19088942735. 3

19088942736. 4

**Question Number : 10 Question Id : 19088910711 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

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

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

**Options :**

19088942737. 1

19088942738. 2

19088942739. 3

19088942740. 4

**Question Number : 11 Question Id : 19088910712 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

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

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

**Options :**

19088942741. 1

19088942742. 2

19088942743. 3

19088942744. 4

**Question Number : 12 Question Id : 19088910713 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

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

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

**Options :**

19088942745. 1

19088942746. 2

19088942747. 3

19088942748. 4

**Question Number : 13 Question Id : 19088910714 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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



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

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

**Options :**

19088942749. 1

19088942750. 2

19088942751. 3

19088942752. 4

**Question Number : 14 Question Id : 19088910715 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

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

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

**Options :**

19088942753. 1

19088942754. 2

19088942755. 3

19088942756. 4

**Question Number : 15 Question Id : 19088910716 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

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

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

**Options :**

19088942757. 1

19088942758. 2

19088942759. 3

19088942760. 4

**Question Number : 16 Question Id : 19088910717 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

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

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

**Options :**

19088942761. 1

19088942762. 2

19088942763. 3

19088942764. 4

**Question Number : 17 Question Id : 19088910718 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

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

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

**Options :**

19088942765. 1

19088942766. 2

19088942767. 3

19088942768. 4

**Question Number : 18 Question Id : 19088910719 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

What is the focus of the participatory plant breeding program?

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

**Options :**

19088942769. 1

19088942770. 2

19088942771. 3

19088942772. 4

**Question Number : 19 Question Id : 19088910720 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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



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

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

**Options :**

19088942773. 1

19088942774. 2

19088942775. 3

19088942776. 4

**Question Number : 20 Question Id : 19088910721 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

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

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

**Options :**

19088942777. 1

19088942778. 2

19088942779. 3

19088942780. 4

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

**Section Id :** 190889210

**Section Number :** 2

**Section type :** Online

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	50
<b>Number of Questions to be attempted :</b>	50
<b>Section Marks :</b>	200
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	190889250
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 21 Question Id : 19088910722 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

The greenish black discoloration in hard cooked eggs is due to formation of

- |                                 |                                 |
|---------------------------------|---------------------------------|
| (1) S-conalbumin                | (2) FeS formation               |
| (3) Break down of Avidin-biotin | (4) Breakdown of Crypto xanthin |

**Options :**

19088942781. 1

19088942782. 2

19088942783. 3

19088942784. 4

**Question Number : 22 Question Id : 19088910723 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Meat is deficient in

- |             |                       |
|-------------|-----------------------|
| (1) Iron    | (2) Zinc              |
| (3) Calcium | (4) Vitamin B-complex |

**Options :**

19088942785. 1



19088942786. 2

19088942787. 3

19088942788. 4

**Question Number : 23 Question Id : 19088910724 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Another name for disease of soiled hands is

(1) Measly beef

(2) Measly pork

(3) Hydatid Cyst

(4) Diphylo bothriasis

**Options :**

19088942789. 1

19088942790. 2

19088942791. 3

19088942792. 4

**Question Number : 24 Question Id : 19088910725 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

After picking and pinning of poultry carcasses are singed to remove

(1) Tail feathers

(2) Pilofluemes

(3) Epidermis

(4) Head

**Options :**

19088942793. 1

19088942794. 2

19088942795. 3

19088942796. 4

**Question Number : 25 Question Id : 19088910726 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**



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

Ricotta Cheese is prepared from

- |                   |                 |
|-------------------|-----------------|
| (1) Cow – Milk    | (2) Goat – Milk |
| (3) Cheese – Whey | (4) Mare Milk   |

**Options :**

19088942797. 1

19088942798. 2

19088942799. 3

19088942800. 4

**Question Number : 26 Question Id : 19088910727 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which one of the following is NOT a subjective method of quality assessment of food?

- |                              |                    |
|------------------------------|--------------------|
| (1) Paired Difference Test   | (2) Threshold Test |
| (3) Texture profile analysis | (4) Triangle Test  |

**Options :**

19088942801. 1

19088942802. 2

19088942803. 3

19088942804. 4

**Question Number : 27 Question Id : 19088910728 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The foaming capacity is highest amongst egg protein.

- |               |                  |
|---------------|------------------|
| (1) Ovomucin  | (2) Ovoglobulins |
| (3) Ovalbumin | (4) Ovomuroid    |

**Options :**

19088942805. 1

19088942806. 2

19088942807. 3

19088942808. 4

**Question Number : 28 Question Id : 19088910729 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Which of the following is a common method of preservation of Shell eggs?

- |                 |                         |
|-----------------|-------------------------|
| (1) Irradiation | (2) Thermostabilization |
| (3) Freezing    | (4) Canning             |

**Options :**

19088942809. 1

19088942810. 2

19088942811. 3

19088942812. 4

**Question Number : 29 Question Id : 19088910730 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Match List I with List II

List I	List II
(A) Staphylococcus	(I) Diacetyl
(B) Pseudomonas	(II) Gram positive
(C) Leuconostoc	(III) Gram negative
(D) Flavobacterium	(IV) Discolouration

Choose the correct answer from the options given below :

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



**Options :**

- 19088942813. 1
- 19088942814. 2
- 19088942815. 3
- 19088942816. 4

**Question Number : 30 Question Id : 19088910731 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Amber box mentioned in WTO agreement deals with

- (1) Subsidies on agriculture
- (2) Domestic Support System
- (3) Production Limit Measures
- (4) Geographical indicators of agriculture produce

**Options :**

- 19088942817. 1
- 19088942818. 2
- 19088942819. 3
- 19088942820. 4

**Question Number : 31 Question Id : 19088910732 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Leading state in poultry production which is considered to be the poultry capital of the country

- (1) Maharastra
- (2) Tamil Nadu
- (3) Haryana
- (4) Andra Pradesh

**Options :**

- 19088942821. 1
- 19088942822. 2



19088942823. 3

19088942824. 4

**Question Number : 32 Question Id : 19088910733 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Kadaknath is the breed of poultry from

(1) MP

(2) UP

(3) AP

(4) Gujarat

**Options :**

19088942825. 1

19088942826. 2

19088942827. 3

19088942828. 4

**Question Number : 33 Question Id : 19088910734 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The storage temperature of egg is

(1) 55 °F

(2) 65 °F

(3) 75 °F

(4) 85 °F

**Options :**

19088942829. 1

19088942830. 2

19088942831. 3

19088942832. 4

**Question Number : 34 Question Id : 19088910735 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Castrated male of sheep is known as

- |           |                   |
|-----------|-------------------|
| (1) Stag  | (2) Wedder/Wether |
| (3) Capon | (4) Bullock       |

**Options :**

19088942833. 1

19088942834. 2

19088942835. 3

19088942836. 4

**Question Number : 35 Question Id : 19088910736 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The meat of goat is known as

- |            |            |
|------------|------------|
| (1) Beef   | (2) Pork   |
| (3) Mutton | (4) Chevon |

**Options :**

19088942837. 1

19088942838. 2

19088942839. 3

19088942840. 4

**Question Number : 36 Question Id : 19088910737 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Name of National animal of India

- |              |             |
|--------------|-------------|
| (1) Lion     | (2) Tiger   |
| (3) Elephant | (4) Cheetah |

**Options :**

- 19088942841. 1
- 19088942842. 2
- 19088942843. 3
- 19088942844. 4

**Question Number : 37 Question Id : 19088910738 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Wild life week is celebrated every year

- |                        |                         |
|------------------------|-------------------------|
| (1) October First Week | (2) March First Week    |
| (3) August First Week  | (4) December Third Week |

**Options :**

- 19088942845. 1
- 19088942846. 2
- 19088942847. 3
- 19088942848. 4

**Question Number : 38 Question Id : 19088910739 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

The Chromosome number of Swamp buffalo

- |        |        |
|--------|--------|
| (1) 54 | (2) 48 |
| (3) 60 | (4) 56 |

**Options :**

- 19088942849. 1
- 19088942850. 2
- 19088942851. 3



19088942852. 4

**Question Number : 39 Question Id : 19088910740 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The female animal with its offspring is known as

- |                  |             |
|------------------|-------------|
| (1) Steer        | (2) Bullock |
| (3) Calf at foot | (4) Heifer  |

**Options :**

19088942853. 1

19088942854. 2

19088942855. 3

19088942856. 4

**Question Number : 40 Question Id : 19088910741 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The most successful applied reproductive technology in dairy husbandry.

- |                     |                             |
|---------------------|-----------------------------|
| (1) Cloning         | (2) Artificial Insemination |
| (3) Embryo transfer | (4) In vitro fertilization  |

**Options :**

19088942857. 1

19088942858. 2

19088942859. 3

19088942860. 4

**Question Number : 41 Question Id : 19088910742 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which one of the following Chicken breed has feathers on their shank?

- |                   |            |
|-------------------|------------|
| (1) Plymouth Rock | (2) Brahma |
| (3) Minorca       | (4) Sussex |

**Options :**

19088942861. 1

19088942862. 2

19088942863. 3

19088942864. 4

**Question Number : 42 Question Id : 19088910743 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Given below are two statements.

Statement I: The chromosome, (2N) number of pheasant is 82.

Statement II: The diploid chromosome number in Pea-fowl, Gosse and Muscovy is equal

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

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

**Options :**

19088942865. 1

19088942866. 2

19088942867. 3

19088942868. 4

**Question Number : 43 Question Id : 19088910744 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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



The domestic ducks belongs to one of the following Genus.

- |            |             |
|------------|-------------|
| (1) Gallus | (2) Anas    |
| (3) Aser   | (4) Antidae |

**Options :**

19088942869. 1

19088942870. 2

19088942871. 3

19088942872. 4

**Question Number : 44 Question Id : 19088910745 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

In poultry, cost and availability of which of these feed ingredients, determines the feed cost.

- (A) Maize
- (B) Soyabean
- (C) Rice bran
- (D) Wheat bran
- (E) Feed Additives

Choose the correct answer from the options given below:

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

**Options :**

19088942873. 1

19088942874. 2

19088942875. 3

19088942876. 4

**Question Number : 45 Question Id : 19088910746 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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



Better Feed Conversion Ratio (FCR) is achieved at higher energy concentration of one of the following in poultry diet.

- (A) Gross Energy
- (B) Digestible Energy
- (C) Metabolisable energy
- (D) Net energy
- (E) Heat increment

Choose the correct answer from the options given below:

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

**Options :**

- 19088942877. 1
- 19088942878. 2
- 19088942879. 3
- 19088942880. 4

**Question Number : 46 Question Id : 19088910747 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

One of the following body organ in chicken is known as voice box.

- (1) Larynx
- (2) Trachea
- (3) Air sacs
- (4) Syrinx

**Options :**

- 19088942881. 1
- 19088942882. 2
- 19088942883. 3
- 19088942884. 4

**Question Number : 47 Question Id : 19088910748 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of the following chicken breeds has 'pea' type of comb:

- (A) Australorp
- (B) Brahma
- (C) Cornish
- (D) Rhode Island Red

Choose the most appropriate answer from the options given below:

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

**Options :**

19088942885. 1

19088942886. 2

19088942887. 3

19088942888. 4

**Question Number : 48 Question Id : 19088910749 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

In poultry species, which of the following organ is considered to be very sensitive to periods of feed deprivation.

- (1) Kidney
- (2) Heart
- (3) Thymus
- (4) Adrenal

**Options :**

19088942889. 1

19088942890. 2

19088942891. 3

19088942892. 4

**Question Number : 49 Question Id : 19088910750 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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



One of the following form of energy is a mere waste and also exerts stress on birds.

- |                       |                    |
|-----------------------|--------------------|
| (1) Digestible energy | (2) Faecal Energy  |
| (3) Heat Increment    | (4) Urinary energy |

**Options :**

19088942893. 1

19088942894. 2

19088942895. 3

19088942896. 4

**Question Number : 50 Question Id : 19088910751 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of these following system of rearing is practised in Japanese Quail.

- |                      |                           |
|----------------------|---------------------------|
| (1) Intensive system | (2) Semi-Extensive system |
| (3) Extensive system | (4) Semi-Intensive system |

**Options :**

19088942897. 1

19088942898. 2

19088942899. 3

19088942900. 4

**Question Number : 51 Question Id : 19088910752 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Banni is one of the registered breed of which species in India.

- |            |             |
|------------|-------------|
| (1) Cattle | (2) Buffalo |
| (3) Goat   | (4) Camel   |

**Options :**

19088942901. 1



19088942902. 2

19088942903. 3

19088942904. 4

**Question Number : 52 Question Id : 19088910753 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Which breed of sheep has high quality meat?

(1) Mandya

(2) Chokla

(3) Magra

(4) Mecheri

**Options :**

19088942905. 1

19088942906. 2

19088942907. 3

19088942908. 4

**Question Number : 53 Question Id : 19088910754 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Under Breed registration system of India, a new breed of cattle or buffalo will be registered if it has minimum number of

(1) 100

(2) 1000

(3) 10000

(4) 100000

**Options :**

19088942909. 1

19088942910. 2

19088942911. 3

19088942912. 4

**Question Number : 54 Question Id : 19088910755 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

In India, which species has maximum number of breed registered at present (2021).

- |            |             |
|------------|-------------|
| (1) Cattle | (2) Buffalo |
| (3) Sheep  | (4) Goat    |

**Options :**

19088942913. 1

19088942914. 2

19088942915. 3

19088942916. 4

**Question Number : 55 Question Id : 19088910756 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The buffalo breed of India Famous for high fat percentage in milk, is

- |             |                |
|-------------|----------------|
| (1) Murrah  | (2) Juparabudi |
| (3) Mehsana | (4) Bhadawari  |

**Options :**

19088942917. 1

19088942918. 2

19088942919. 3

19088942920. 4

**Question Number : 56 Question Id : 19088910757 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

In the year 2018-19, the people of which state had maximum per capita availability of milk in India.

- |               |             |
|---------------|-------------|
| (1) Haryana   | (2) Gujarat |
| (3) Rajasthan | (4) Punjab  |



**Options :**

19088942921. 1

19088942922. 2

19088942923. 3

19088942924. 4

**Question Number : 57 Question Id : 19088910758 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements.

Statement I : Bargur is a registered breed of cattle.

Statement II : Bargur is a registered breed of buffalo

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

- (1) Both statement I and Statement II are correct
- (2) Both statement I and Statement II are incorrect
- (3) Statement I is correct but statement II is incorrect
- (4) Statement I is incorrect but statement II is correct

**Options :**

19088942925. 1

19088942926. 2

19088942927. 3

19088942928. 4

**Question Number : 58 Question Id : 19088910759 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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



Given below are two statements.

Statement I: Chengthagi is a registered breed of Goat

Statement II: Chengthagi is a registered breed of sheep

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

- (1) Both statement I and statement II are correct
- (2) Both statement I and statement II are incorrect
- (3) Statement I is correct but Statement II is incorrect
- (4) Statement I is incorrect but Statement II is correct

**Options :**

19088942929. 1

19088942930. 2

19088942931. 3

19088942932. 4

**Question Number : 59 Question Id : 19088910760 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements.

Statement I: Buffalo population has increased in India, since the year 1982.

Statement II: Crossbreed cattle populations has increased in India, since the year 1982.

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

- (1) Both statement I and Statement II are true
- (2) Both statement I and statement II are false
- (3) Statement I is true but statement II is false
- (4) Statement I is false but statement II is true

**Options :**

19088942933. 1

19088942934. 2

19088942935. 3

19088942936. 4

**Question Number : 60 Question Id : 19088910761 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Choose the country which has highest number of cattle head (population) in the world.

- |            |              |
|------------|--------------|
| (1) Brazil | (2) India    |
| (3) China  | (4) Pakistan |

**Options :**

19088942937. 1

19088942938. 2

19088942939. 3

19088942940. 4

**Question Number : 61 Question Id : 19088910762 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Wheat staggars is due to deficiency of

- |               |                |
|---------------|----------------|
| (1) Calcium   | (2) Phosphorus |
| (3) Magnesium | (4) Maganese   |

**Options :**

19088942941. 1

19088942942. 2

19088942943. 3

19088942944. 4

**Question Number : 62 Question Id : 19088910763 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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



Hydroxylation of proline to hydroxyproline involves.

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

**Options :**

- 19088942945. 1
- 19088942946. 2
- 19088942947. 3
- 19088942948. 4

**Question Number : 63 Question Id : 19088910764 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of the following is not an example of anabolic hormone?

- |                  |               |
|------------------|---------------|
| (1) Somatotropin | (2) Thyroxine |
| (3) Oestrogens   | (4) Androgens |

**Options :**

- 19088942949. 1
- 19088942950. 2
- 19088942951. 3
- 19088942952. 4

**Question Number : 64 Question Id : 19088910765 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Two stage technique of in vitro digestibility has given by

- |                                 |                         |
|---------------------------------|-------------------------|
| (1) Tilley and Terry            | (2) Menke and steingass |
| (3) Czerkawski and Breckenridge | (4) Henry and Vansoest  |



**Options :**

19088942953. 1

19088942954. 2

19088942955. 3

19088942956. 4

**Question Number : 65 Question Id : 19088910766 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Type-I mineral mixture should have calcium percent by mass (minimum) as per BIS specifications.

(1) 20

(2) 22

(3) 18

(4) 23

**Options :**

19088942957. 1

19088942958. 2

19088942959. 3

19088942960. 4

**Question Number : 66 Question Id : 19088910767 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Surcose is formed from

(1) One molecule of  $\alpha$ -D glucose + 1 molecule of  $\alpha$ -D fructose

(2) One molecule of  $\beta$ -D glucose + 1 molecule of  $\beta$ -D fructose

(3) One molecule of  $\alpha$ -D glucose + 1 molecule of  $\beta$ -D fructose

(4) One molecule of  $\beta$ -D glucose + 1 molecule of  $\alpha$ -D fructose

**Options :**

19088942961. 1

19088942962. 2

19088942963. 3

19088942964. 4

**Question Number : 67 Question Id : 19088910768 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Rumen protozoa was discovered by

(1) Hungate and Delafond

(2) Groby and Orpin

(3) Orpin and Hungate

(4) Gruby and Delafond

**Options :**

19088942965. 1

19088942966. 2

19088942967. 3

19088942968. 4

**Question Number : 68 Question Id : 19088910769 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Oat hay poisoning is caused by

(1) Nitrate

(2) Saponin

(3) Tannin

(4) Gossypol

**Options :**

19088942969. 1

19088942970. 2

19088942971. 3

19088942972. 4

**Question Number : 69 Question Id : 19088910770 Question Type : MCQ Option Shuffling : No**



**Is Question Mandatory : No**

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

Which of the following is not a byproduct of sugarcane industry?

- |               |                 |
|---------------|-----------------|
| (1) Bagasse   | (2) Filter coke |
| (3) Press mud | (4) Husk        |

**Options :**

19088942973. 1

19088942974. 2

19088942975. 3

19088942976. 4

**Question Number : 70 Question Id : 19088910771 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Flieg index is commonly used method for quality evaluation in

- |              |             |
|--------------|-------------|
| (1) Hay      | (2) Haylage |
| (3) Molasses | (4) Silage  |

**Options :**

19088942977. 1

19088942978. 2

19088942979. 3

19088942980. 4

## **Part C : Poultry Science**

**Section Id :** 190889211

**Section Number :** 3

**Section type :** Online

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	50
<b>Number of Questions to be attempted :</b>	50
<b>Section Marks :</b>	200
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	190889251
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 71 Question Id : 19088910772 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

One of the following breed of chicken is known to have aphrodisiac properties

- |                  |                |
|------------------|----------------|
| (1) Punjab Brown | (2) Aseel      |
| (3) Kadaknath    | (4) Chittagong |

**Options :**

19088942981. 1

19088942982. 2

19088942983. 3

19088942984. 4

**Question Number : 72 Question Id : 19088910773 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

The inheritance of feather colour in poultry is an example of

- |                        |                          |
|------------------------|--------------------------|
| (1) Complete dominance | (2) Incomplete dominance |
| (3) Sex-linked         | (4) Sex influenced       |

**Options :**

19088942985. 1



19088942986. 2

19088942987. 3

19088942988. 4

**Question Number : 73 Question Id : 19088910774 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Cockfighting is said to be the world's oldest spectator sport and may have originated in \_\_\_\_\_ 6,000 years ago.

- |                               |                 |
|-------------------------------|-----------------|
| (1) Persia                    | (2) Eurasia     |
| (3) Indus valley civilization | (4) Australasia |

**Options :**

19088942989. 1

19088942990. 2

19088942991. 3

19088942992. 4

**Question Number : 74 Question Id : 19088910775 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Given below are two statements :

Statement I : There is a significant genetic link between shell colour and its nutritional value.

Statement II : In general, chickens with white earlobes lay white eggs, where as chickens with red ear labes lay brown eggs

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

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

**Options :**

- 19088942993. 1
- 19088942994. 2
- 19088942995. 3
- 19088942996. 4

**Question Number : 75 Question Id : 19088910776 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

A mating system used in Poultry where a pure-bred males of one breed with pure bred females of another breed is known as

- (1) Top crossing
- (2) Out crossing
- (3) Cross breeding
- (4) Line breeding

**Options :**

- 19088942997. 1
- 19088942998. 2
- 19088942999. 3
- 19088943000. 4

**Question Number : 76 Question Id : 19088910777 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Japanese quail belongs to the family

- (1) Antidae
- (2) Phasianidae
- (3) Meleagridiae
- (4) Gallus

**Options :**

- 19088943001. 1
- 19088943002. 2
- 19088943003. 3
- 19088943004. 4



**Question Number : 77 Question Id : 19088910778 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Guinea fowl belongs to the family of poultry birds

- |                 |                 |
|-----------------|-----------------|
| (1) Antidae     | (2) Phasianidae |
| (3) Meleagridae | (4) Gallus      |

**Options :**

19088943005. 1

19088943006. 2

19088943007. 3

19088943008. 4

**Question Number : 78 Question Id : 19088910779 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

In chick ration, percentage of blood meal that can be satisfactorily be used to replace fish meal

- |                    |                     |
|--------------------|---------------------|
| (1) 2-10 percent   | (2) 1 percent       |
| (3) 3 to 5 percent | (4) 5 to 10 percent |

**Options :**

19088943009. 1

19088943010. 2

19088943011. 3

19088943012. 4

**Question Number : 79 Question Id : 19088910780 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The following poultry feed additive can alter the feed texture

- |                      |                     |
|----------------------|---------------------|
| (1) Flavouring agent | (2) Chelating agent |
| (3) Pellet binder    | (4) Hormone         |

**Options :**

19088943013. 1

19088943014. 2

19088943015. 3

19088943016. 4

**Question Number : 80 Question Id : 19088910781 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The ascending order of feed ingredients for their Metabolizing Energy (ME) content is

- (1) Rice Polish < Bran < Maize < Sorghum
- (2) Rice Polish < Sorghum < Maize < Bran
- (3) Bran < Rice Polish < Maize < Sorghum
- (4) Bran < Rice Polish < Sorghum < Maize

**Options :**

19088943017. 1

19088943018. 2

19088943019. 3

19088943020. 4

**Question Number : 81 Question Id : 19088910782 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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



Given below are two statements : One is labelled as Assertion A and the other is labelled as Reasons R

Assertion A : As per ISI feed requirements Broiler starters require More energy (ME) than Broiler finishers.

Reasons R : As per ISI feed requirement Broiler finishers require Less crude proteins compared to Broiler starters.

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

- (1) Both A and R are correct and R is the correct explanation of A
- (2) Both A and R are correct and R is NOT the correct explanation of A
- (3) A is correct but R is not correct
- (4) A is not correct but R is correct

**Options :**

19088943021. 1

19088943022. 2

19088943023. 3

19088943024. 4

**Question Number : 82 Question Id : 19088910783 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Identify the protein supplement used in poultry feed

- |               |                  |
|---------------|------------------|
| (1) Maize     | (2) Millet grain |
| (3) Skim Milk | (4) Bran         |

**Options :**

19088943025. 1

19088943026. 2

19088943027. 3

19088943028. 4

**Question Number : 83 Question Id : 19088910784 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

One of the following Hormone was used as additive for Broiler feed

- |                  |                          |
|------------------|--------------------------|
| (1) Melanin      | (2) Dienestrol diacetate |
| (3) Testosterone | (4) Insulin              |

**Options :**

19088943029. 1

19088943030. 2

19088943031. 3

19088943032. 4

**Question Number : 84 Question Id : 19088910785 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

One of the following amino acid is an essentially required by the growing chicken

- |                  |             |
|------------------|-------------|
| (1) Apartic Acid | (2) Glycine |
| (3) Leucine      | (4) Proline |

**Options :**

19088943033. 1

19088943034. 2

19088943035. 3

19088943036. 4

**Question Number : 85 Question Id : 19088910786 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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



Given below are two statements : One is labelled as Assertion A and the other is labelled as Reasons R

Assertion A : Broodiness in hen is due to the secretion of prolactin hormone

Reasons R : Prolactin hormone inhibit the production of gonadotropin, which stimulates the ovarian follicle.

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

- (1) Both A and R are correct and R is the correct explanation of A
- (2) Both A and R are correct and R is NOT the correct explanation of A
- (3) A is correct but R is not correct
- (4) A is not correct but R is correct

**Options :**

19088943037. 1

19088943038. 2

19088943039. 3

19088943040. 4

**Question Number : 86 Question Id : 19088910787 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Bourbon red, having a unique red plumage is a variety of which of the following species of poultry?

- |                 |                    |
|-----------------|--------------------|
| (1) Guinea fowl | (2) Japanese Quail |
| (3) Turkey      | (4) Emu            |

**Options :**

19088943041. 1

19088943042. 2

19088943043. 3

19088943044. 4

**Question Number : 87 Question Id : 19088910788 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements :

Statement I : Indian Runner ducks do not fly at all.

Statement II : Indian runner ducks do not form nests and often drops their eggs wherever they happen to be

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

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

**Options :**

19088943045. 1

19088943046. 2

19088943047. 3

19088943048. 4

**Question Number : 88 Question Id : 19088910789 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements:

Statement I : Certain birds have revealed the presence of enzyme chitinase in saliva, and lipase in stomach.

Statement II : The p<sup>H</sup> values range between 2.5 to 6.5 in birds.

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

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

**Options :**

19088943049. 1

19088943050. 2



19088943051. 3

19088943052. 4

**Question Number : 89 Question Id : 19088910790 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements : One is labelled as Assertion A and the other is labelled as Reason R:

Assertion A : The lungs in chicken are small with little expansion and contraction ability.

Reason R : In chickens there is no true diaphragm.

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

- (1) Both A and R are correct and R is the correct explanation of A
- (2) Both A and R are correct and R is NOT the correct explanation of A
- (3) A is correct but R is not correct
- (4) A is not correct but R is correct

**Options :**

19088943053. 1

19088943054. 2

19088943055. 3

19088943056. 4

**Question Number : 90 Question Id : 19088910791 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements : One is labelled as Assertion A and the other is labelled as Reason R.

Assertion A : In Chicken 'crop' is an enlargement of esophagus and is used for storing and softening of food.

Reason R : Food in chicken needs to be gradually sent to the stomach.

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

- (1) Both A and R are correct and R is the correct explanation of A
- (2) Both A and R are correct and R is NOT the correct explanation of A
- (3) A is correct but R is not correct
- (4) A is not correct but R is correct

**Options :**

- 19088943057. 1
- 19088943058. 2
- 19088943059. 3
- 19088943060. 4

**Question Number : 91 Question Id : 19088910792 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

One of the following is the second largest flightless bird

- (1) Ostrich
- (2) Turkey
- (3) Emu
- (4) Guinea fowl

**Options :**

- 19088943061. 1
- 19088943062. 2
- 19088943063. 3
- 19088943064. 4

**Question Number : 92 Question Id : 19088910793 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**



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

Match List I with List II

List I	List II
(A) Bone meal	(I) Vitamins
(B) Antioxidants	(II) Sodium bentonite
(C) Flavouring agent	(III) Minerals
(D) Pellet binder	(IV) Poultry Nector

Choose the correct answer from the options given below :

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

**Options :**

19088943065. 1

19088943066. 2

19088943067. 3

19088943068. 4

**Question Number : 93 Question Id : 19088910794 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements.

Statement I : Chicken eggs, the most commonly eaten eggs among poultry.

Statement II : A 100 gm chicken egg serving provides ~12.69 g of protein.

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

- (1) Both statement I and Statement II are true
- (2) Both statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

**Options :**

19088943069. 1

19088943070. 2

19088943071. 3

19088943072. 4

**Question Number : 94 Question Id : 19088910795 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Egg contains multiple proteins which gel at different temperatures, egg yolk begins to gelify or solidify, when egg reaches temperatures:

- |          |          |
|----------|----------|
| (1) 35°C | (2) 45°C |
| (3) 55°C | (4) 65°C |

**Options :**

19088943073. 1

19088943074. 2

19088943075. 3

19088943076. 4

**Question Number : 95 Question Id : 19088910796 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

The Incubation period (in days) for turkey birds egg is?

- |             |             |
|-------------|-------------|
| (1) 21 days | (2) 23 days |
| (3) 28 days | (4) 30 days |

**Options :**

19088943077. 1

19088943078. 2

19088943079. 3

19088943080. 4

**Question Number : 96 Question Id : 19088910797 Question Type : MCQ Option Shuffling : No**



**Is Question Mandatory : No**

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

Given below are two statements: One is labelled as Assertion A and the other is labelled as Reason R.

Assertion A: Oviduct in females chicken corresponds to the testis in males.

Reason R: Male chickens have a rudimentary copulatory organ.

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

- (1) Both A and R are correct and R is the correct explanation of A
- (2) Both A and R are correct but R is NOT the correct explanation of A
- (3) A is correct but R is not correct
- (4) A is not correct but R is correct

**Options :**

19088943081. 1

19088943082. 2

19088943083. 3

19088943084. 4

**Question Number : 97 Question Id : 19088910798 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

A variety of duck, which is most preferred for meat type

- |                    |                 |
|--------------------|-----------------|
| (1) Khaki Campbell | (2) White Pekin |
| (3) Muscovy        | (4) Mallard     |

**Options :**

19088943085. 1

19088943086. 2

19088943087. 3

19088943088. 4

**Question Number : 98 Question Id : 19088910799 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements: One is labelled as Assertion A and the other is labelled as Reason R.

Assertion A: Artificial insemination is not practical in poultry breeding work, although it is possible to follow the system.

Reason R: Artificial insemination is highly successful in turkey breeding.

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

- (1) Both A and R are correct and R is the correct explanation of A
- (2) Both A and R are correct but R is NOT the correct explanation of A
- (3) A is correct but R is not correct
- (4) A is not correct but R is correct

**Options :**

19088943089. 1

19088943090. 2

19088943091. 3

19088943092. 4

**Question Number : 99 Question Id : 19088910800 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

In addition to prevent cannibalism, \_\_\_\_\_ usually lessens mash feed wastages.

- |               |              |
|---------------|--------------|
| (1) Brooding  | (2) Lighting |
| (3) Debeaking | (4) Sexing   |

**Options :**

19088943093. 1

19088943094. 2

19088943095. 3

19088943096. 4

**Question Number : 100 Question Id : 19088910801 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**



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

An adult poultry bird (16 week and above) requires water (litres) for per 100 birds.

- |                  |                   |
|------------------|-------------------|
| (1) 20-25 litres | (2) 25-30 litres  |
| (3) 35-40 litres | (4) 40-45- litres |

**Options :**

- 19088943097. 1
- 19088943098. 2
- 19088943099. 3
- 19088943100. 4

**Question Number : 101 Question Id : 19088910802 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

In general, the laying period in a hen is between.

- |                |                 |
|----------------|-----------------|
| (1) 78-80 days | (2) 20 weeks    |
| (3) 20 months  | (4) 78-80 weeks |

**Options :**

- 19088943101. 1
- 19088943102. 2
- 19088943103. 3
- 19088943104. 4

**Question Number : 102 Question Id : 19088910803 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Given below are two statements: One is labelled as Assertion A and the other is labelled as Reason R.

Assertion A : Fertility is not so good in 'pen-mating' as in 'flock-mating'.

Reason R : Certain hens may not like the cock introduced in the pen or flock

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

- (1) Both A and R are correct and R is the correct explanation of A
- (2) Both A and R are correct but R is NOT the correct explanation of A
- (3) A is correct but R is not correct
- (4) A is not correct but R is correct

**Options :**

19088943105. 1

19088943106. 2

19088943107. 3

19088943108. 4

**Question Number : 103 Question Id : 19088910804 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R.

Assertion A : Backyard poultry production has remained an important source of food and income for a majority of resource rich families.

Reason R : Backyard poultry production could not produce any visual impact on income generation.

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

- (1) Both A and R are correct and R is the correct explanation of A
- (2) Both A and R are correct but R is NOT the correct explanation of A
- (3) A is correct but R is not correct
- (4) A is not correct but R is correct

**Options :**

19088943109. 1

19088943110. 2



19088943111. 3

19088943112. 4

**Question Number : 104 Question Id : 19088910805 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

A Biphasic rearing system (0-3 and 3-5 weeks) has been suggested for which of the following species of poultry.

- |             |            |
|-------------|------------|
| (1) Chicken | (2) Ducks  |
| (3) Quails  | (4) Turkey |

**Options :**

19088943113. 1

19088943114. 2

19088943115. 3

19088943116. 4

**Question Number : 105 Question Id : 19088910806 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Which of the following is an improved variety of egg type native bird in India?

- |                   |               |
|-------------------|---------------|
| (1) Vauraja       | (2) Grampriya |
| (3) CARI-Nirbheek | (4) Kalamasi  |

**Options :**

19088943117. 1

19088943118. 2

19088943119. 3

19088943120. 4

**Question Number : 106 Question Id : 19088910807 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Most broilers are marketed when they are between.

- |                          |                          |
|--------------------------|--------------------------|
| (1) 7 to 8 week of age   | (2) 4 to 6 week of age   |
| (3) 8 to 10 weeks of age | (4) 20 to 30 days of age |

**Options :**

19088943121. 1

19088943122. 2

19088943123. 3

19088943124. 4

**Question Number : 107 Question Id : 19088910808 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements : one is labelled as Assertion A and the other is labelled as Reason R.

Assertion A : Marketing approach in poultry is through middle man.

Reason R : To improve profit in poultry production there is a need to open more retail shops.

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

- (1) Both A and R are correct and R is the correct explanation of A
- (2) Both A and R are correct but R is NOT the correct explanation of A
- (3) A is correct but R is not correct
- (4) A is not correct but R is correct

**Options :**

19088943125. 1

19088943126. 2

19088943127. 3

19088943128. 4

**Question Number : 108 Question Id : 19088910809 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**



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

Given below are two statements: One is labelled as Assertion A and the other is labelled as Reason R:

Assertion A : In an artificial brooder the temperature is lower in 5 weeks age compared to first week age.

Reason R : Artificial brooder use water through with adjustable stands.

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

- (1) Both A and R are correct and R is the correct explanation of A
- (2) Both A and R are correct but R is NOT the correct explanation of A
- (3) A is correct but R is not correct
- (4) A is not correct but R is correct

**Options :**

19088943129. 1

19088943130. 2

19088943131. 3

19088943132. 4

**Question Number : 109 Question Id : 19088910810 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

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

Given below are two statement.

Statement I : Over crowding in brooders leads to slow growth and high mortality.

Statement II : Keep the provision of air-tight brooders to prevent high mortality.

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

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

**Options :**

19088943133. 1

19088943134. 2

19088943135. 3

19088943136. 4

**Question Number : 110 Question Id : 19088910811 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Daily water required for a chicken, having an age of 5-8 weeks is

- |                                |                               |
|--------------------------------|-------------------------------|
| (1) 2 litres per 100 birds     | (2) 10 litres per 100 birds   |
| (3) 12-14 litres per 100 birds | (4) 5-10 litres per 100 birds |

**Options :**

19088943137. 1

19088943138. 2

19088943139. 3

19088943140. 4

**Question Number : 111 Question Id : 19088910812 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Poultry cooperative (NCDC) role is

- (A) Establishment of poultry farms
- (B) Establishment of poultry clusters
- (C) Establishment of markets.
- (D) Assistance to societies for incubators, hatcheries etc,
- (E) Assistance to Govt. of India

Choose the correct answer from the options given below:

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

**Options :**

19088943141. 1

19088943142. 2

19088943143. 3



19088943144. 4

**Question Number : 112 Question Id : 19088910813 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements : one is labelled as Assertion A and the other is labelled as Reason R.

Assertion A : Rural poultry production includes scavenging system, based on low inputs.

Reason R : A minimum of 10 birds maintained under scavenging system can overcome hunger and malnutrition in developing countries.

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

- (1) Both A and R are correct and R is the correct explanation of A
- (2) Both A and R are correct but R is NOT the correct explanation of A
- (3) A is correct but R is not correct
- (4) A is not correct but R is correct

**Options :**

19088943145. 1

19088943146. 2

19088943147. 3

19088943148. 4

**Question Number : 113 Question Id : 19088910814 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Match List I with List II.

List I	List II
(A) Vitamin D3	(I) Reduced fertility
(B) Vitamin E	(II) Reduced Hatchability
(C) Riboflavin	(III) Curled toes
(D) Vitamin B-6	(IV) Rickets

Choose the correct answer from the options given below :

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

**Options :**

19088943149. 1

19088943150. 2

19088943151. 3

19088943152. 4

**Question Number : 114 Question Id : 19088910815 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Coccidiosis in poultry is caused by a protozoa and affects which of the following organ.

- |            |               |
|------------|---------------|
| (1) Kidney | (2) Intestine |
| (3) Liver  | (4) Muscles   |

**Options :**

19088943153. 1

19088943154. 2

19088943155. 3

19088943156. 4

**Question Number : 115 Question Id : 19088910816 Question Type : MCQ Option Shuffling : No**



**Is Question Mandatory : No**

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

Given below are two statements:

Statement I : Failure to follow vaccination program and feeding record is not a good practice in poultry farming.

Statement II : Failure to close nests at night allows the layers to roost in the nests.

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

- (1) Both Statement I and Statement II are true
- (2) Both statement I and Statement II are false
- (3) Statement I is true but statement II is false
- (4) Statement I is false but statement II is true

**Options :**

19088943157. 1

19088943158. 2

19088943159. 3

19088943160. 4

**Question Number : 116 Question Id : 19088910817 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statement:

Statement I : Marek's disease is a non contagious viral neoplastic disease in chicken It is named after Jozsef Marek, a Hungarian veterinarian.

Statement II : Marek's disease is characterized by B-cell lymphoma as well as infiltration of nerves and organs by lymphocytes.

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

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but statement II is true

**Options :**

19088943161. 1

19088943162. 2

19088943163. 3

19088943164. 4

**Question Number : 117 Question Id : 19088910818 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Polyneuritis in birds is caused by the deficiency of

- |             |                |
|-------------|----------------|
| (1) Thiamin | (2) Riboflavin |
| (3) Niacin  | (4) Biotin     |

**Options :**

19088943165. 1

19088943166. 2

19088943167. 3

19088943168. 4

**Question Number : 118 Question Id : 19088910819 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Infectious bursal disease (IBD), also k/a Gumboro disease, Infections Bursitis is a disease of chicken.

- (A) IBD is a highly infectious disease of poultry.
- (B) IBD is characterized by high morbidity and mortality in chickens.
- (C) Infection occurs through air (i.e. air borne) in chickens.
- (D) IBD virus is a single standard RNA virus.
- (E) Clinical disease in chicken is associated with greatest bursal mass, which occurs in between 3 and 6 weeks of age.

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

**Options :**

19088943169. 1

19088943170. 2



19088943171. 3

19088943172. 4

**Question Number : 119 Question Id : 19088910820 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Given below are two statements : one is labelled as Assertion A and the other is labelled as Reason R.

Assertion A : Biotin deficiency leads to poor growth, perosis and severe dermatosis in poultry.

Reason R : Diet rich in liver, yeast, potatoes, molasses can reverse the symptoms to biotin deficiency.

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

- (1) Both A and R are correct and R is the correct explanation A
- (2) Both A and R are correct but R is NOT the correct explanation of A
- (3) A is correct but R is not correct
- (4) A is not correct but R is correct

**Options :**

19088943173. 1

19088943174. 2

19088943175. 3

19088943176. 4

**Question Number : 120 Question Id : 19088910821 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

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

Match List I with List II

List I	List II
(A) Fowl Pox vaccine	(I) 1 day age
(B) Ranikhet disease vaccine	(II) Lactobacillus
(C) Marek's Disease vaccine	(III) 4-5 day age
(D) Diet Acidifiers	(IV) 9-12 week age

Choose the correct answer from the options given below :

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

**Options :**

19088943177. 1

19088943178. 2

19088943179. 3

19088943180. 4