

National Testing Agency

Question Paper Name: ANIMAL SCIENCE 1st July 2019 Shift2
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ANIMAL SCIENCE

Group Number : 1
Group Id : 5531727
Group Maximum Duration : 0
Group Minimum Duration : 150
Revisit allowed for view? : No
Revisit allowed for edit? : No
Break time: 0
Group Marks: 640

Part A : ANIMAL SCIENCE

Section Id : 55317215
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 160
Number of Questions to be attempted: 160
Section Marks: 640
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 55317237
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 5531721155 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The mean of a Poisson distribution is

1. greater than variance
2. less than variance
3. equal to variance
4. twice the variance

Options :

5531724561. 1

5531724562. 2

5531724563. 3

5531724564. 4

**Question Number : 2 Question Id : 5531721156 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

If one of the regression coefficients is greater than unity, then the other must be

1. greater than the first one
2. equal to unity
3. less than unity
4. equal to zero

Options :

5531724565. 1

5531724566. 2

5531724567. 3

5531724568. 4

**Question Number : 3 Question Id : 5531721157 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

The coefficient of correlation

1. cannot be positive
2. cannot be negative
3. is always positive
4. can be both positive as well as negative

Options :

5531724569. 1

5531724570. 2

5531724571. 3

5531724572. 4

**Question Number : 4 Question Id : 5531721158 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

Which one of the following is a measure of central tendency?

1. Mean deviation
2. Range
3. Standard deviation
4. Median

Options :

5531724573. 1

5531724574. 2

5531724575. 3

5531724576. 4

**Question Number : 5 Question Id : 5531721159 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

Tabulated data can be represented graphically with

1. Frequency distribution
2. Normal distribution
3. Histogram
4. Binomial distribution

Options :

5531724577. 1

5531724578. 2

5531724579. 3

5531724580. 4

**Question Number : 6 Question Id : 5531721160 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

Binomial distribution tends to Poisson distribution when

1. n is large and p is small
2. n is small and p is large
3. n is small and p is small
4. n is large and p is large

Options :

5531724581. 1

5531724582. 2

5531724583. 3

5531724584. 4

**Question Number : 7 Question Id : 5531721161 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

Probability of getting a head in a single toss of a coin is

1. 0.50
2. 0.25
3. 1.00
4. 0.05

Options :

5531724585. 1

5531724586. 2

5531724587. 3

5531724588. 4

Question Number : 8 Question Id : 5531721162 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

As the number of observations increases, t-distribution approaches

1. Z-distribution
2. F-distribution
3. χ^2 -distribution
4. Binomial distribution

Options :

5531724589. 1

5531724590. 2

5531724591. 3

5531724592. 4

Question Number : 9 Question Id : 5531721163 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The coefficient of correlation (r) between X and Y will have positive sign when

1. x is increasing, y is decreasing
2. both x and y are increasing
3. x is decreasing, y is increasing
4. both x and y are static

Options :

5531724593. 1

5531724594. 2

5531724595. 3

5531724596. 4

Question Number : 10 Question Id : 5531721164 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Measure of dispersion is

1. Mean
2. Mode
3. Range
4. Median

Options :

5531724597. 1

5531724598. 2

5531724599. 3

5531724600. 4

Question Number : 11 Question Id : 5531721165 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The level of heterosis in F_2 generation with respect to F_1 generation decreases by

1. 10%
2. 25%
3. 50%
4. 75%

Options :

- 5531724601. 1
- 5531724602. 2
- 5531724603. 3
- 5531724604. 4

Question Number : 12 Question Id : 5531721166 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Multiple measurements may lead to gain in accuracy of breeding value when the repeatability of a trait is

1. low
2. medium
3. high
4. very high

Options :

- 5531724605. 1
- 5531724606. 2
- 5531724607. 3
- 5531724608. 4

Question Number : 13 Question Id : 5531721167 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Genetic improvement path with the highest gain is

1. sire to breed cow
2. dam to breed bull
3. sire to breed bull
4. dam to breed cow

Options :

- 5531724609. 1
- 5531724610. 2
- 5531724611. 3
- 5531724612. 4

Question Number : 14 Question Id : 5531721168 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Inbreeding coefficient (F_x) of full sib mating is

1. 0.25
2. 0.50
3. 1.00
4. 0.125

Options :

- 5531724613. 1
- 5531724614. 2
- 5531724615. 3
- 5531724616. 4

Question Number : 15 Question Id : 5531721169 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Heritability estimate of percent fat as compared to fat yield is

1. less
2. equal
3. more
4. very less

Options :

- 5531724617. 1
- 5531724618. 2
- 5531724619. 3
- 5531724620. 4

Question Number : 16 Question Id : 5531721170 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The heritability estimate of body condition score in cattle is

1. low
2. medium
3. high
4. very high

Options :

- 5531724621. 1
- 5531724622. 2
- 5531724623. 3
- 5531724624. 4

Question Number : 17 Question Id : 5531721171 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The mean breeding value of a population at Hardy Weinberg equilibrium must be

1. zero
2. 0.25
3. 0.50
4. 1.0

Options :

5531724625. 1

5531724626. 2

5531724627. 3

5531724628. 4

Question Number : 18 Question Id : 5531721172 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Freemartins are

1. normal male calves
2. normal female calves
3. sterile female calves
4. sterile male calves

Options :

5531724629. 1

5531724630. 2

5531724631. 3

5531724632. 4

Question Number : 19 Question Id : 5531721173 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Inbreeding increases degree of

1. heterozygosity
2. homozygosity
3. hybrid vigour
4. non-relatives

Options :

5531724633. 1

5531724634. 2

5531724635. 3

5531724636. 4

Question Number : 20 Question Id : 5531721174 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Chromosome number (2n) of camel is

1. 72
2. 62
3. 74
4. 86

Options :

- 5531724637. 1
- 5531724638. 2
- 5531724639. 3
- 5531724640. 4

Question Number : 21 Question Id : 5531721175 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Configuration of snail is maternally influenced and not a case of maternal inheritance because

1. phenotype is inconsistent with genotype and controlled by cytoplasmic factor
2. phenotype is inconsistent with genotype with no control of nucleus
3. phenotype is inconsistent with genotype but in all classes, control resides in the nucleus
4. phenotype is consistent with genotype with no control of cytoplasmic factor

Options :

- 5531724641. 1
- 5531724642. 2
- 5531724643. 3
- 5531724644. 4

Question Number : 22 Question Id : 5531721176 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In case of multiple alleles at a locus, if there are 4 alleles, then how many genotypes are possible

1. 6
2. 10
3. 15
4. 4

Options :

- 5531724645. 1
- 5531724646. 2
- 5531724647. 3
- 5531724648. 4

Question Number : 23 Question Id : 5531721177 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Johannsen did not coin the term

1. Gene
2. Genotype
3. Phenotype
4. Prototype

Options :

5531724649. 1

5531724650. 2

5531724651. 3

5531724652. 4

Question Number : 24 Question Id : 5531721178 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

During mating among F_1 heterozygous for 4 gene pairs, how many kinds of F_2 genotypes will be available?

1. 91
2. 81
3. 61
4. 41

Options :

5531724653. 1

5531724654. 2

5531724655. 3

5531724656. 4

Question Number : 25 Question Id : 5531721179 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Criss-cross inheritance is the characteristic of

1. sex influenced inheritance
2. sex limited inheritance
3. sex linked inheritance
4. autosomal inheritance

Options :

5531724657. 1

5531724658. 2

5531724659. 3

5531724660. 4

Question Number : 26 Question Id : 5531721180 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

When one locus is showing dominant-recessive relationship and second locus shows co-dominance, then expected F_2 phenotypic ratio is

1. 9 : 3 : 3 : 1
2. 3 : 6 : 3 : 1 : 2 : 1
3. 3 : 6 : 1 : 2
4. 1 : 2 : 1 : 2 : 4 : 2

Options :

- 5531724661. 1
- 5531724662. 2
- 5531724663. 3
- 5531724664. 4

Question Number : 27 Question Id : 5531721181 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The progeny of full sibs are

1. a new breed
2. new strain
3. lowly inbred
4. highly inbred

Options :

- 5531724665. 1
- 5531724666. 2
- 5531724667. 3
- 5531724668. 4

Question Number : 28 Question Id : 5531721182 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Range of relationship coefficient is

1. -1 to +1
2. $-\infty$ to $+\infty$
3. 0 to 0.5
4. 0 to 1

Options :

- 5531724669. 1
- 5531724670. 2
- 5531724671. 3
- 5531724672. 4

Question Number : 29 Question Id : 5531721183 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following is most effective method of selection when a trait has high heritability and trait is expressed early in life'?

1. Family selection
2. Combined selection
3. Individual selection
4. Within family selection

Options :

5531724673. 1

5531724674. 2

5531724675. 3

5531724676. 4

Question Number : 30 Question Id : 5531721184 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Individuals are closely related if they have a common ancestor up to

1. 7–8 generations
2. 9–10 generations
3. 5–6 generations
4. 11–12 generations

Options :

5531724677. 1

5531724678. 2

5531724679. 3

5531724680. 4

Question Number : 31 Question Id : 5531721185 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

How many comb types have been recorded in chicken?

1. Six
2. Seven
3. Eight
4. Nine

Options :

5531724681. 1

5531724682. 2

5531724683. 3

5531724684. 4

Question Number : 32 Question Id : 5531721186 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The following breed of buffalo is known to have highest fat percentage in the milk

1. Bhadawari
2. Murrah
3. Nili-Ravi
4. Jaffarabadi

Options :

5531724685. 1

5531724686. 2

5531724687. 3

5531724688. 4

Question Number : 33 Question Id : 5531721187 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The floor space required per layer in deep litter system is

1. 2·0 sq. ft.
2. 3·0 sq. ft.
3. 4·0 sq. ft.
4. 5·0 sq. ft.

Options :

5531724689. 1

5531724690. 2

5531724691. 3

5531724692. 4

Question Number : 34 Question Id : 5531721188 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The maximum permissible limit (ppm) of sodium nitrite in cured meat products is

1. 100
2. 200
3. 300
4. 400

Options :

5531724693. 1

5531724694. 2

5531724695. 3

5531724696. 4

Question Number : 35 Question Id : 5531721189 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The adulteration of milk with water is best judged by the determination of

1. freezing point
2. total solid content
3. lactose content
4. protein content

Options :

5531724697. 1

5531724698. 2

5531724699. 3

5531724700. 4

Question Number : 36 Question Id : 5531721190 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

As per 19th Livestock Census (2012), which Indian State has highest per capita availability of milk?

1. Andhra Pradesh
2. Punjab
3. Haryana
4. Goa

Options :

5531724701. 1

5531724702. 2

5531724703. 3

5531724704. 4

Question Number : 37 Question Id : 5531721191 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Monosodium glutamate (MSG) is used in meat products as

1. emulsifier
2. flavor enhancer
3. binder
4. filler

Options :

5531724705. 1

5531724706. 2

5531724707. 3

5531724708. 4

Question Number : 38 Question Id : 5531721192 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The most effective method of selection

1. tandem
2. selection index
3. ICLM
4. family selection

Options :

- 5531724709. 1
- 5531724710. 2
- 5531724711. 3
- 5531724712. 4

Question Number : 39 Question Id : 5531721193 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In contracting cardiac and skeletal muscles, the calcium ions principally bind to

1. Troponin C
2. Tropomyosin
3. Actin
4. Calmodulin

Options :

- 5531724713. 1
- 5531724714. 2
- 5531724715. 3
- 5531724716. 4

Question Number : 40 Question Id : 5531721194 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The requirement of fresh air supply per hour is higher for which species?

1. Horses
2. Cows
3. Pigs
4. Sheep and Goats

Options :

- 5531724717. 1
- 5531724718. 2
- 5531724719. 3
- 5531724720. 4

Question Number : 41 Question Id : 5531721195 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

How many certification agencies are accredited by APEDA for inspection and certification of organic agricultural products?

1. 12
2. 22
3. 42
4. 62

Options :

5531724721. 1

5531724722. 2

5531724723. 3

5531724724. 4

Question Number : 42 Question Id : 5531721196 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Acrosome part of mature spermatozoa is derived from

1. centriole
2. golgi bodies
3. mitochondria
4. nucleolus

Options :

5531724725. 1

5531724726. 2

5531724727. 3

5531724728. 4

Question Number : 43 Question Id : 5531721197 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Venison is meat of

1. cattle
2. monkey
3. horse
4. deer

Options :

5531724729. 1

5531724730. 2

5531724731. 3

5531724732. 4

Question Number : 44 Question Id : 5531721198 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Stress hormones are secreted by

1. pituitary
2. adrenal
3. pancreas
4. thyroid

Options :

- 5531724733. 1
- 5531724734. 2
- 5531724735. 3
- 5531724736. 4

Question Number : 45 Question Id : 5531721199 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

National Research Center (Meat) is situated at

1. Chennai
2. Ludhiana
3. Hyderabad
4. Bangalore

Options :

- 5531724737. 1
- 5531724738. 2
- 5531724739. 3
- 5531724740. 4

Question Number : 46 Question Id : 5531721200 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Coarse hair like fibers on the lower hind legs and around the dock
of some sheep

1. apparel wool
2. cotton wool
3. britch wool
4. buck wool

Options :

- 5531724741. 1
- 5531724742. 2
- 5531724743. 3
- 5531724744. 4

Question Number : 47 Question Id : 5531721201 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

During transportation by rail, the animal should be rested after every

1. 08 hr
2. 28 hr
3. 48 hr
4. 68 hr

Options :

- 5531724745. 1
- 5531724746. 2
- 5531724747. 3
- 5531724748. 4

Question Number : 48 Question Id : 5531721202 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A cross between Tibetan Yak and ordinary domestic cattle produces

1. fertile male or fertile female
2. fertile male or sterile female
3. sterile male or fertile female
4. sterile male or sterile female

Options :

- 5531724749. 1
- 5531724750. 2
- 5531724751. 3
- 5531724752. 4

Question Number : 49 Question Id : 5531721203 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Peripheral baroreceptors for the regulation of blood pressure are present in

1. right atrium
2. carotid sinus
3. hypothalamus
4. vena cava

Options :

- 5531724753. 1
- 5531724754. 2
- 5531724755. 3
- 5531724756. 4

Question Number : 50 Question Id : 5531721204 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Maximum absorption of water occurs in

1. proximal convoluted tubule
2. loop of Henle
3. distal convoluted tubule
4. collecting ducts

Options :

5531724757. 1

5531724758. 2

5531724759. 3

5531724760. 4

Question Number : 51 Question Id : 5531721205 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A bilateral cryptorchid bull may show

1. good semen quality and poor libido
2. poor semen quality and good libido
3. good semen quality and good libido
4. poor semen quality and poor libido

Options :

5531724761. 1

5531724762. 2

5531724763. 3

5531724764. 4

Question Number : 52 Question Id : 5531721206 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Myoepithelial cells play role in

1. lactogenesis
2. galactopoiesis
3. milk ejection
4. milk synthesis

Options :

5531724765. 1

5531724766. 2

5531724767. 3

5531724768. 4

Question Number : 53 Question Id : 5531721207 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

With respect to plasma, the glomerular filtrate is

1. hypotonic
2. isotonic
3. hypertonic
4. variable

Options :

- 5531724769. 1
- 5531724770. 2
- 5531724771. 3
- 5531724772. 4

Question Number : 54 Question Id : 5531721208 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The cells of mature Graafian Follicle developing into future Corpus Luteum are

1. Theca cells
2. Theca and Granulosa cells
3. Corona cells
4. Oocytes

Options :

- 5531724773. 1
- 5531724774. 2
- 5531724775. 3
- 5531724776. 4

Question Number : 55 Question Id : 5531721209 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The failure of lungs to eliminate surplus carbon dioxide may result into

1. respiratory alkalosis
2. respiratory acidosis
3. metabolic alkalosis
4. metabolic acidosis

Options :

- 5531724777. 1
- 5531724778. 2
- 5531724779. 3
- 5531724780. 4

Question Number : 56 Question Id : 5531721210 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Principle organ of prehension in cattle is

1. incisor teeth
2. lips
3. tongue
4. muzzle

Options :

5531724781. 1

5531724782. 2

5531724783. 3

5531724784. 4

Question Number : 57 Question Id : 5531721211 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Renin secreting cells of kidneys are derived from

1. distal tubular epithelium
2. glomerular endothelium
3. smooth muscle cells of efferent arteriole
4. Henle's loop epithelium

Options :

5531724785. 1

5531724786. 2

5531724787. 3

5531724788. 4

Question Number : 58 Question Id : 5531721212 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Stage-3 of normal parturition process in cattle is associated with

1. expulsion of fetus from genital tract
2. dilatation of cervix
3. expulsion of fetal membranes
4. suckling of calf

Options :

5531724789. 1

5531724790. 2

5531724791. 3

5531724792. 4

Question Number : 59 Question Id : 5531721213 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Satiety center is situated in

1. lateral hypothalamus
2. ventro-medial hypothalamus
3. supra-optic nucleus
4. pre-optic nucleus

Options :

5531724793. 1

5531724794. 2

5531724795. 3

5531724796. 4

Question Number : 60 Question Id : 5531721214 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Secretin is a

1. strong stimulant for pancreatic enzymes
2. strong stimulant for pancreatic bicarbonates
3. weak stimulant for pancreatic enzymes
4. weak stimulant for pancreatic bicarbonates

Options :

5531724797. 1

5531724798. 2

5531724799. 3

5531724800. 4

Question Number : 61 Question Id : 5531721215 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Erythropoietin is mainly produced from

1. kidney
2. stomach
3. bone marrow
4. liver

Options :

5531724801. 1

5531724802. 2

5531724803. 3

5531724804. 4

Question Number : 62 Question Id : 5531721216 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The volume of air introduced 'in' and expelled 'out' from the lungs with each respiratory cycle is called as

1. residual volume
2. functional residual capacity
3. total lung capacity
4. tidal volume

Options :

5531724805. 1

5531724806. 2

5531724807. 3

5531724808. 4

Question Number : 63 Question Id : 5531721217 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which volatile fatty acid is glucogenic in nature?

1. Acetic acid
2. Propionic acid
3. Butyric acid
4. Formic acid

Options :

5531724809. 1

5531724810. 2

5531724811. 3

5531724812. 4

Question Number : 64 Question Id : 5531721218 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The tight junction between adjacent myocardial cells is known as

1. cross bridges
2. syncytium
3. intercalated discs
4. nexus

Options :

5531724813. 1

5531724814. 2

5531724815. 3

5531724816. 4

Question Number : 65 Question Id : 5531721219 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following sets is NOT properly matched?

1. Toxin binder : Hydrated calcium aluminosilicates
2. Anticoccidials : Ionophores
3. Enzyme : Phytases
4. Antioxidant : Mannan-Oligo-Saccharides (MOS)

Options :

5531724817. 1

5531724818. 2

5531724819. 3

5531724820. 4

Question Number : 66 Question Id : 5531721220 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Sweet clover disease syndrome in cattle occurs due to

1. Dicumarol
2. Monensin
3. Choline
4. Molybdenum

Options :

5531724821. 1

5531724822. 2

5531724823. 3

5531724824. 4

Question Number : 67 Question Id : 5531721221 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The following mineral is known as master mineral due to its
involvement in various metabolic processes

1. Calcium
2. Phosphorus
3. Magnesium
4. Sulphur

Options :

5531724825. 1

5531724826. 2

5531724827. 3

5531724828. 4

Question Number : 68 Question Id : 5531721222 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The fat and oil quality in feed is evaluated for oxidative rancidity by the test

1. Peroxide value
2. Free fatty acid
3. Cresol red test
4. Ammonium molybdate test

Options :

5531724829. 1

5531724830. 2

5531724831. 3

5531724832. 4

Question Number : 69 Question Id : 5531721223 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Fish meal used for poultry feed should be protected from

1. Aflatoxin
2. Gizerosin
3. Ochratoxin
4. Aflatoxin B₁

Options :

5531724833. 1

5531724834. 2

5531724835. 3

5531724836. 4

Question Number : 70 Question Id : 5531721224 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Non-digestible feed substances that selectively stimulate growth of favorable bacteria in gut is called

1. prebiotic
2. probiotic
3. digesting enzyme
4. bypass fat

Options :

5531724837. 1

5531724838. 2

5531724839. 3

5531724840. 4

Question Number : 71 Question Id : 5531721225 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Gossypol is found in which feed ingredient

1. mustard cake
2. cotton seed cake
3. maize
4. barley

Options :

- 5531724841. 1
- 5531724842. 2
- 5531724843. 3
- 5531724844. 4

Question Number : 72 Question Id : 5531721226 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Goiter occurs due to the deficiency of

1. Iron
2. Cobalt
3. Iodine
4. Copper

Options :

- 5531724845. 1
- 5531724846. 2
- 5531724847. 3
- 5531724848. 4

Question Number : 73 Question Id : 5531721227 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The calorific value (kcal) of one gram fat is

1. 4·2
2. 5·6
3. 9·4
4. 36·0

Options :

- 5531724849. 1
- 5531724850. 2
- 5531724851. 3
- 5531724852. 4

Question Number : 74 Question Id : 5531721228 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Maximum level of incorporation (%) of fish meal in poultry ration is

1. 5
2. 10
3. 15
4. 20

Options :

- 5531724853. 1
- 5531724854. 2
- 5531724855. 3
- 5531724856. 4

Question Number : 75 Question Id : 5531721229 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The neutral detergent fibre (NDF) and acid detergent fibre (ADF) are differentiated by

1. starch
2. pectin
3. cellulose
4. hemicellulose

Options :

- 5531724857. 1
- 5531724858. 2
- 5531724859. 3
- 5531724860. 4

Question Number : 76 Question Id : 5531721230 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The limiting factor for the digestibility of paddy straw is

1. oxalates
2. silica
3. cellulose
4. hemicellulose

Options :

- 5531724861. 1
- 5531724862. 2
- 5531724863. 3
- 5531724864. 4

Question Number : 77 Question Id : 5531721231 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Frizzled feathers in poultry occurs due to the deficiency of

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

Options :

5531724865. 1

5531724866. 2

5531724867. 3

5531724868. 4

Question Number : 78 Question Id : 5531721232 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Enzootic ataxia in lambs occurs due to the deficiency of

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

Options :

5531724869. 1

5531724870. 2

5531724871. 3

5531724872. 4

Question Number : 79 Question Id : 5531721233 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The scurvy occurs due to the deficiency of

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

Options :

5531724873. 1

5531724874. 2

5531724875. 3

5531724876. 4

Question Number : 80 Question Id : 5531721234 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The physical methods to detect adulteration or contamination of feed are

1. winnowing
2. sieving
3. smell
4. All of the above

Options :

5531724877. 1

5531724878. 2

5531724879. 3

5531724880. 4

Question Number : 81 Question Id : 5531721235 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

FSSAI standards of marketable standardized milk in India are

1. 3.0% milk fat and 8% SNF
2. 3.5% milk fat and 8.5% SNF
3. 4.0% milk fat and 8.5% SNF
4. 4.5% milk fat and 8.5% SNF

Options :

5531724881. 1

5531724882. 2

5531724883. 3

5531724884. 4

Question Number : 82 Question Id : 5531721236 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Plucking is a method of removal of

1. wool
2. guard hair
3. trimming of pelts
4. fur

Options :

5531724885. 1

5531724886. 2

5531724887. 3

5531724888. 4

Question Number : 83 Question Id : 5531721237 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Size of milk fat globules is reduced by the process of

1. pasteurization
2. sterilization
3. standardization
4. homogenization

Options :

5531724889. 1

5531724890. 2

5531724891. 3

5531724892. 4

**Question Number : 84 Question Id : 5531721238 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

AMUL pattern of dairy cooperative has

1. two-tier system
2. three-tier system
3. four-tier system
4. five-tier system

Options :

5531724893. 1

5531724894. 2

5531724895. 3

5531724896. 4

**Question Number : 85 Question Id : 5531721239 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

The characteristic colour of a paneer whey is due to

1. carotene
2. riboflavin
3. annatto
4. xanthophyll

Options :

5531724897. 1

5531724898. 2

5531724899. 3

5531724900. 4

**Question Number : 86 Question Id : 5531721240 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

The overall intensity of light in work rooms of a slaughter house should be

1. 50 lux
2. 110 lux
3. 220 lux
4. 540 lux

Options :

5531724901. 1

5531724902. 2

5531724903. 3

5531724904. 4

Question Number : 87 Question Id : 5531721241 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Cold shortening of muscles occurs during chilling of following muscles

1. pre-rigor
2. rigor
3. post-rigor
4. after thawing

Options :

5531724905. 1

5531724906. 2

5531724907. 3

5531724908. 4

Question Number : 88 Question Id : 5531721242 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The egg shell constitutes _____ of egg

1. 5%
2. 11%
3. 21%
4. 31%

Options :

5531724909. 1

5531724910. 2

5531724911. 3

5531724912. 4

Question Number : 89 Question Id : 5531721243 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The milk taken for condensing should have

1. Positive Clot-on-Boiling Test
2. Negative Alcohol Test
3. Negative Clot-on-Boiling Test
4. Negative Clot-on-Boiling and Alcohol Test

Options :

5531724913. 1

5531724914. 2

5531724915. 3

5531724916. 4

Question Number : 90 Question Id : 5531721244 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Overrun in butter is due to

1. moisture and curd
2. protein and air
3. lactose and fat
4. fat and air

Options :

5531724917. 1

5531724918. 2

5531724919. 3

5531724920. 4

Question Number : 91 Question Id : 5531721245 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The specific organ, where bile salt micelle are found is

1. portal vein
2. lumen of ileum
3. mucosal cells of gut
4. gut-lymphatics

Options :

5531724921. 1

5531724922. 2

5531724923. 3

5531724924. 4

Question Number : 92 Question Id : 5531721246 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

During smoking, which of the following compound formed may act as carcinogenic?

1. Met myoglobin
2. Benzopyrenes
3. Phenol
4. Aldehydes

Options :

5531724925. 1

5531724926. 2

5531724927. 3

5531724928. 4

Question Number : 93 Question Id : 5531721247 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The intramuscular fat is known as

1. marbling
2. seam fat
3. caul fat
4. leaf fat

Options :

5531724929. 1

5531724930. 2

5531724931. 3

5531724932. 4

Question Number : 94 Question Id : 5531721248 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The stable pink colour of cured and cooked meat products is due to

1. Myoglobin
2. Nitroso hemochromogen
3. Met myoglobin
4. Nitroso myoglobin

Options :

5531724933. 1

5531724934. 2

5531724935. 3

5531724936. 4

Question Number : 95 Question Id : 5531721249 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Time required to destroy 90% of the organisms from food commodity is known as

1. thermal death time
2. F-value
3. D-value
4. Z-value

Options :

- 5531724937. 1
- 5531724938. 2
- 5531724939. 3
- 5531724940. 4

Question Number : 96 Question Id : 5531721250 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The test to differentiate cow and buffalo milk is

1. Baudouin test
2. Alizarin test
3. Hansa test
4. COB test

Options :

- 5531724941. 1
- 5531724942. 2
- 5531724943. 3
- 5531724944. 4

Question Number : 97 Question Id : 5531721251 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Central Avian Research Institute (CARI) was established at

1. Bareilly
2. Hyderabad
3. Tuticorin
4. Nammakal

Options :

- 5531724945. 1
- 5531724946. 2
- 5531724947. 3
- 5531724948. 4

Question Number : 98 Question Id : 5531721252 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following set is NOT properly matched?

1. Calcium : Rickets
2. Colic : Horses
3. Ghungroo : Haryana
4. Copper : Enzootic ataxia

Options :

5531724949. 1

5531724950. 2

5531724951. 3

5531724952. 4

Question Number : 99 Question Id : 5531721253 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The most commonly used method of stunning in poultry is

1. electrical stunning
2. captive bolt pistol stunning
3. concussion stunning
4. free bold pistol stunning

Options :

5531724953. 1

5531724954. 2

5531724955. 3

5531724956. 4

Question Number : 100 Question Id : 5531721254 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Giblet in poultry includes

1. heart, liver, oesophagus, gizzard
2. heart, gallbladder, liver
3. heart, kidney, liver
4. heart, liver gizzard

Options :

5531724957. 1

5531724958. 2

5531724959. 3

5531724960. 4

Question Number : 101 Question Id : 5531721255 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Water requirement of the bird is usually twice their feed intake,
however in summer it is

1. same as in winter
2. four times of feed intake
3. four times than winter
4. six times of feed intake

Options :

5531724961. 1

5531724962. 2

5531724963. 3

5531724964. 4

**Question Number : 102 Question Id : 5531721256 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

Effective cooling system practiced in milk chilling centers is

1. plate chillers
2. immersion coils
3. bulk milk coolers
4. freezers

Options :

5531724965. 1

5531724966. 2

5531724967. 3

5531724968. 4

**Question Number : 103 Question Id : 5531721257 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

Duo-trio test is

1. descriptive test
2. difference test
3. ranking test
4. threshold test

Options :

5531724969. 1

5531724970. 2

5531724971. 3

5531724972. 4

**Question Number : 104 Question Id : 5531721258 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

Which of the following egg protein is an excellent foaming agent.

1. Ovomucin
2. Ovoglobulins
3. Ovalbumin
4. Ovomuroid

Options :

5531724973. 1

5531724974. 2

5531724975. 3

5531724976. 4

Question Number : 105 Question Id : 5531721259 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Tomato pomace is a good source of which of the following antioxidants?

1. Propyl gallate
2. Lycopene
3. Anthocyanin
4. Ethoxyquin

Options :

5531724977. 1

5531724978. 2

5531724979. 3

5531724980. 4

Question Number : 106 Question Id : 5531721260 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Swiss cheese is manufactured by using one of the following cultures

1. *Propionobacterium shermanii*
2. *Streptococcus lactis*
3. *Penicillium roqueforti*
4. *Lactobacillus plantarum*

Options :

5531724981. 1

5531724982. 2

5531724983. 3

5531724984. 4

Question Number : 107 Question Id : 5531721261 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The most critical amino acids in poultry diet are

1. Lysine and methionine
2. Cystine and cysteine
3. Glycine and cystine
4. Phenylalanine and lysine

Options :

5531724985. 1

5531724986. 2

5531724987. 3

5531724988. 4

Question Number : 108 Question Id : 5531721262 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following organisms is responsible for sulphur stinker
in canned poultry products?

1. *Bacillus stearothermophilus*
2. *Bacillus coagulans*
3. *Clostridium nigrificans*
4. *Clostridium thermosaccharolyticum*

Options :

5531724989. 1

5531724990. 2

5531724991. 3

5531724992. 4

Question Number : 109 Question Id : 5531721263 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Bone darkening is a condition that occurs by freezing of

1. broiler fryer
2. spent hen
3. geese
4. emu

Options :

5531724993. 1

5531724994. 2

5531724995. 3

5531724996. 4

Question Number : 110 Question Id : 5531721264 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

PSE (pale, soft exudative) meat has _____ kind of water holding capacity. Choose one of the following.

1. low
2. high
3. medium
4. variable

Options :

5531724997. 1

5531724998. 2

5531724999. 3

5531725000. 4

Question Number : 111 Question Id : 5531721265 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

As per British method, efficiency of pasteurization of egg liquid is checked by

1. Alpha amylase activity
2. Catalase enzyme activity
3. Phytase enzyme activity
4. Alkaline phosphatase enzyme activity

Options :

5531725001. 1

5531725002. 2

5531725003. 3

5531725004. 4

Question Number : 112 Question Id : 5531721266 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following poultry breed has dark black muscles?

1. Aseel
2. Kadaknath
3. Vanaraja
4. Rhode Island Red

Options :

5531725005. 1

5531725006. 2

5531725007. 3

5531725008. 4

Question Number : 113 Question Id : 5531721267 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The act of mating in horses is known as

1. Covering
2. Coupling
3. Serving
4. Tapping

Options :

5531725009. 1

5531725010. 2

5531725011. 3

5531725012. 4

Question Number : 114 Question Id : 5531721268 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Spiral shaped artificial vagina (AV) is required for

1. Stallion
2. Boar
3. Ram
4. Buck

Options :

5531725013. 1

5531725014. 2

5531725015. 3

5531725016. 4

Question Number : 115 Question Id : 5531721269 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Average gestation period in swine is

1. 114 days
2. 134 days
3. 154 days
4. 174 days

Options :

5531725017. 1

5531725018. 2

5531725019. 3

5531725020. 4

Question Number : 116 Question Id : 5531721270 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The covered area required per adult cattle is

1. 12 m²
2. 3·5 m²
3. 1·5 m²
4. 0·5 m²

Options :

5531725021. 1

5531725022. 2

5531725023. 3

5531725024. 4

Question Number : 117 Question Id : 5531721271 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Milk pails should be made up of

1. iron
2. glass
3. aluminium
4. stainless steel

Options :

5531725025. 1

5531725026. 2

5531725027. 3

5531725028. 4

Question Number : 118 Question Id : 5531721272 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

More than 10% fiber content in feed is not recommended for

1. layer
2. equine
3. bovines
4. ovine

Options :

5531725029. 1

5531725030. 2

5531725031. 3

5531725032. 4

Question Number : 119 Question Id : 5531721273 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The 'Hereford' breed of pig belongs to

1. Australia
2. USA
3. China
4. Mexico

Options :

5531725033. 1

5531725034. 2

5531725035. 3

5531725036. 4

Question Number : 120 Question Id : 5531721274 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Zanskari is a breed of

1. pigs
2. dogs
3. horses
4. goats

Options :

5531725037. 1

5531725038. 2

5531725039. 3

5531725040. 4

Question Number : 121 Question Id : 5531721275 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following about poultry breeds is NOT properly
matched?

- | | |
|------------------------|---------------------|
| 1. American Class | : Rhode Island Reds |
| 2. Asiatic Class : | Brahma |
| 3. English Class | : New Hampshire |
| 4. Mediterranean Class | : Minorca |

Options :

5531725041. 1

5531725042. 2

5531725043. 3

5531725044. 4

Question Number : 122 Question Id : 5531721276 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The dental formula of adult pigs is

1. $\frac{3133}{3133}$
2. $\frac{0033}{4033}$
3. $\frac{3131}{3121}$
4. $\frac{3143}{3143}$

Options :

5531725045. 1
5531725046. 2
5531725047. 3
5531725048. 4

Question Number : 123 Question Id : 5531721277 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Milk is deficient in

1. Zinc
2. Iron
3. Calcium
4. Magnesium

Options :

5531725049. 1
5531725050. 2
5531725051. 3
5531725052. 4

Question Number : 124 Question Id : 5531721278 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

'Project Tiger' was launched in India in the year

1. 1962
2. 1963
3. 1952
4. 1973

Options :

5531725053. 1
5531725054. 2
5531725055. 3
5531725056. 4

Question Number : 125 Question Id : 5531721279 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The highest fat percentage is found in

1. fore milk
2. stripping
3. middle milk
4. skimmed milk

Options :

5531725057. 1

5531725058. 2

5531725059. 3

5531725060. 4

Question Number : 126 Question Id : 5531721280 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Pashmina is obtained from

1. Angora goat
2. Angora rabbit
3. Kashmiri goat
4. Yak

Options :

5531725061. 1

5531725062. 2

5531725063. 3

5531725064. 4

Question Number : 127 Question Id : 5531721281 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The cleaning method in which equipment are partially disassembled and cleaned in specialized cleaning tanks is called

1. cleaning-in-place
2. self-contained cleaning system
3. central cleaning system
4. cleaning out-of place

Options :

5531725065. 1

5531725066. 2

5531725067. 3

5531725068. 4

Question Number : 128 Question Id : 5531721282 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The ideal gradient of floor of animal house towards the drains is

1. 1 in 10
2. 1 in 20
3. 1 in 30
4. 1 in 40

Options :

- 5531725069. 1
- 5531725070. 2
- 5531725071. 3
- 5531725072. 4

Question Number : 129 Question Id : 5531721283 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Lab to Land programme was started in

1. 1970
2. 1975
3. 1979
4. 1985

Options :

- 5531725073. 1
- 5531725074. 2
- 5531725075. 3
- 5531725076. 4

Question Number : 130 Question Id : 5531721284 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following is an individual contact method?

1. News paper
2. Conference
3. Television
4. Telephone cells

Options :

- 5531725077. 1
- 5531725078. 2
- 5531725079. 3
- 5531725080. 4

Question Number : 131 Question Id : 5531721285 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following is not a principle of working of cooperative system?

1. Equal division of project
2. Democratic control
3. Voluntary association
4. Independent distribution of profit

Options :

- 5531725081. 1
- 5531725082. 2
- 5531725083. 3
- 5531725084. 4

Question Number : 132 Question Id : 5531721286 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The plan of work arranged chronologically is

1. calendar of work
2. calendar of activities
3. plan of work
4. project

Options :

- 5531725085. 1
- 5531725086. 2
- 5531725087. 3
- 5531725088. 4

Question Number : 133 Question Id : 5531721287 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A social custom that prohibits or restricts a particular practice is called

1. Taboos
2. Restrictions
3. Folk ways
4. Narrow thinking

Options :

- 5531725089. 1
- 5531725090. 2
- 5531725091. 3
- 5531725092. 4

Question Number : 134 Question Id : 5531721288 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following is NOT true about social change?

1. It is universal phenomenon
2. It is law of nature
3. It is a community change
4. It is a uniform change

Options :

5531725093. 1

5531725094. 2

5531725095. 3

5531725096. 4

Question Number : 135 Question Id : 5531721289 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Market type in which there is a single seller and a single buyer is called as

1. monopsony
2. monopoly
3. bilateral monopoly
4. oligopoly

Options :

5531725097. 1

5531725098. 2

5531725099. 3

5531725100. 4

Question Number : 136 Question Id : 5531721290 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following was launched to solve the problem of degraded cattle?

1. Gaushala
2. Gosadan
3. Cattle markets
4. Cattle shelters

Options :

5531725101. 1

5531725102. 2

5531725103. 3

5531725104. 4

Question Number : 137 Question Id : 5531721291 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Ranking of raw data in numerical order is called

1. frequency distribution
2. series
3. scores
4. classification

Options :

5531725105. 1

5531725106. 2

5531725107. 3

5531725108. 4

Question Number : 138 Question Id : 5531721292 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Process of drawing conclusions on inferences after analysis of
collected data is known as

1. tabulation
2. interpretation
3. classification
4. evaluation

Options :

5531725109. 1

5531725110. 2

5531725111. 3

5531725112. 4

Question Number : 139 Question Id : 5531721293 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Father of Extension in India is

1. Adivi Reddy
2. O. P. Dhama
3. B. R. Mehta
4. K. N. Singh

Options :

5531725113. 1

5531725114. 2

5531725115. 3

5531725116. 4

Question Number : 140 Question Id : 5531721294 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Socialization is the process which

1. continues throughout life
2. ceases at maturity
3. influence society
4. does not affect society

Options :

5531725117. 1

5531725118. 2

5531725119. 3

5531725120. 4

Question Number : 141 Question Id : 5531721295 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following are units of social structure?

1. Institutions and groups
2. Institutions and associations
3. Groups and associations
4. Institutions, groups and associations

Options :

5531725121. 1

5531725122. 2

5531725123. 3

5531725124. 4

Question Number : 142 Question Id : 5531721296 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A group of people organized for a definite purpose is known as

1. association
2. community
3. institution
4. organization

Options :

5531725125. 1

5531725126. 2

5531725127. 3

5531725128. 4

Question Number : 143 Question Id : 5531721297 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following can be a suitable area of study in the scope of Rural Sociology?

1. Education
2. Community
3. Trade
4. Individual

Options :

5531725129. 1

5531725130. 2

5531725131. 3

5531725132. 4

Question Number : 144 Question Id : 5531721298 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The expected behaviour of one member of society in relation to others is

1. social norms
2. social role
3. social change
4. social control

Options :

5531725133. 1

5531725134. 2

5531725135. 3

5531725136. 4

Question Number : 145 Question Id : 5531721299 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A good extension program should be

1. rigid
2. flexible
3. tough
4. strict

Options :

5531725137. 1

5531725138. 2

5531725139. 3

5531725140. 4

Question Number : 146 Question Id : 5531721300 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Learning process continues

1. up to school
2. up to college
3. up to job
4. life long

Options :

- 5531725141. 1
- 5531725142. 2
- 5531725143. 3
- 5531725144. 4

Question Number : 147 Question Id : 5531721301 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The example of primary group is

1. neighbourhood
2. local shopkeeper
3. leader
4. insurance agent

Options :

- 5531725145. 1
- 5531725146. 2
- 5531725147. 3
- 5531725148. 4

Question Number : 148 Question Id : 5531721302 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following is an element of behavior?

1. Education
2. Belief
3. Attitude
4. Dis-belief

Options :

- 5531725149. 1
- 5531725150. 2
- 5531725151. 3
- 5531725152. 4

Question Number : 149 Question Id : 5531721303 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The social norms

1. lead society to disintegration
2. make society rigid
3. give cohesion to the society
4. instigate society to fight

Options :

5531725153. 1

5531725154. 2

5531725155. 3

5531725156. 4

Question Number : 150 Question Id : 5531721304 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The extension program is a statement of

1. problem and situation
2. situation and objectives
3. solution and problem
4. All of the above

Options :

5531725157. 1

5531725158. 2

5531725159. 3

5531725160. 4

Question Number : 151 Question Id : 5531721305 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The basic element at core of extension education is

1. man himself
2. man and environment
3. man made things
4. external environment

Options :

5531725161. 1

5531725162. 2

5531725163. 3

5531725164. 4

Question Number : 152 Question Id : 5531721306 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following is best method of identification of local leader?

1. Cultural method
2. Socio-metric method
3. Psychological method
4. Personal contact method

Options :

5531725165. 1

5531725166. 2

5531725167. 3

5531725168. 4

Question Number : 153 Question Id : 5531721307 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

An adoption is a

1. mental process
2. social process
3. individual process
4. psychological process

Options :

5531725169. 1

5531725170. 2

5531725171. 3

5531725172. 4

Question Number : 154 Question Id : 5531721308 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In the beginning, community development projects were started for a period of

1. 1 year
2. 3 years
3. 5 years
4. 10 years

Options :

5531725173. 1

5531725174. 2

5531725175. 3

5531725176. 4

Question Number : 155 Question Id : 5531721309 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The participation of people in an extension program us

1. involuntary
2. voluntary
3. compulsory
4. partial

Options :

- 5531725177. 1
- 5531725178. 2
- 5531725179. 3
- 5531725180. 4

Question Number : 156 Question Id : 5531721310 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The Planning Commission was set up in

1. 1947
2. 1950
3. 1962
4. 1952

Options :

- 5531725181. 1
- 5531725182. 2
- 5531725183. 3
- 5531725184. 4

Question Number : 157 Question Id : 5531721311 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Panchayati Raj was introduced on the basis of recommendations
of

1. Balwant Rai Mehta Committee
2. Royal Commission on agriculture
3. Operation flood
4. White revolution

Options :

- 5531725185. 1
- 5531725186. 2
- 5531725187. 3
- 5531725188. 4

Question Number : 158 Question Id : 5531721312 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following is/are group teaching method?

1. Demonstration
2. Poster
3. Office calls
4. Both Poster and Office calls

Options :

- 5531725189. 1
- 5531725190. 2
- 5531725191. 3
- 5531725192. 4

Question Number : 159 Question Id : 5531721313 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Extension education deals with

1. only men
2. only women
3. men, women and youth
4. only youth

Options :

- 5531725193. 1
- 5531725194. 2
- 5531725195. 3
- 5531725196. 4

Question Number : 160 Question Id : 5531721314 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Farming in which, crop production is combined with livestock production is known as

1. mixed farming
2. specialized farming
3. extensive farming
4. diversified farming

Options :

- 5531725197. 1
- 5531725198. 2
- 5531725199. 3
- 5531725200. 4