

PREVIEW QUESTION BANK

Module Name : Livestock Production Management - 19-ENG
Exam Date : 29-Jun-2024 Batch : 14:30-16:30

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	201	Movement of DNA from one bacterium to another through a tubular bridge or pilus: 1. Conjugation 2. Transposition 3. Transfection 4. Transduction A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
2	202	Which of the following is responsible for eliminating toxic oxygen by-products from cells? 1. Mitochondria 2. Golgi complex 3. Peroxisomes 4. Chloroplasts A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
3	203	A form of multiple parasitism in which a parasite preferentially attacks a host that is already parasitized by another species is known as 1. Cleptoparasitism 2. Ectoparasitoid 3. Obligate parasitism 4. Superparasitism A1 : 1	4.0	1.00

		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
4	204	For mass multiplication of DD-136 nematode, the common host used is 1. Silk moth 2. Fruit sucking moth 3. Codling moth 4. Lesser wax moth A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
5	205	Chlorpyrifos methyl is effective against stored product insects except 1. <i>Rhizopertha dominica</i> 2. <i>Tribolium castaneum</i> 3. <i>Caryedon serratus</i> 4. <i>Oryzaephilus surinamensis</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
6	206	Which of the following insects often cause inhalational allergies in human following large emergence of adult insects 1. Stick insects 2. May flies 3. Ear wigs 4. Preying mantis A1 : 1 A2 : 2	4.0	1.00

A3 : 3

A4 : 4

Objective Question

7 207

4.0 1.00

Given below are two statements:

Statement (I): Climate is a weather condition related to smaller areas at a given place and at a given time,

Statement (II): Weather is a condition of atmosphere at a given place and at a given time

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

8 208

4.0 1.00

The local name of cyclone in Phillippines is

1. Hurricane
2. Cyclone
3. Baquio
4. Typhoon

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

9 209

4.0 1.00

Which one of the following are secondary tillage implements?

- (A). Subsoiler
- (B). Cultivator
- (C). Disc harrow
- (D). Wetland plough

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

10 210

_____ is the most suitable, drought resistant and persistent grass?

- 1. *Alylosia sp.*
- 2. *Cenchrus ciliaris*
- 3. *Stylosanthes hamata*
- 4. *Sorghum bicolor*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

11 211

The rainfed area in India is approximately

- 1. 30 mha
- 2. 40 mha
- 3. 57 mha
- 4. 70 mha

A1 : 1

A2 : 2

4.0 1.00

A3 : 3

A4 : 4

Objective Question

12	212	Which nutrient is often a limiting factor in agricultural production? 1. Nitrogen 2. Carbon 3. Oxygen 4. Hydrogen A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

13	213	What is a potential disadvantage of agroforestry systems? 1. Increased soil erosion 2. Decreased carbon sequestration 3. Reduced biodiversity 4. Enhanced susceptibility to pests A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

14	214	Pungency in mustard oil is due to 1. Amino acid 2. Allyl isothiocyanate 3. Erusic acid 4. Oxalic acid A1 : 1 A2 : 2	4.0	1.00
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		A3 : 3		
		A4 : 4		
Objective Question				
15	215	Sesamum belongs to the family 1. Chenopodiaceae 2. Papilionaceae 3. Leguminosae 4. Pedaliaceae A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
16	216	Dark period is critical in which type of plant? 1. Short day plant 2. Long day plant 3. Day neutral plant 4. All the options A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
17	217	Which of the following is NOT a significant contributor to greenhouse gas emissions from livestock farming? 1. Carbon dioxide 2. Methane 3. Nitrous oxide 4. Ammonia A1 : 1 A2 : 2 A3 : 3	4.0	1.00

A4 : 4

Objective Question

18	218	Fe deficiency is mostly seen in crops growing on 1. Calcareous or alkaline soils 2. Salt affected soils 3. Acidic soils 4. Neutral soils A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

19	219	EDV (Essentially Derived Varieties) are those which are derived from: 1. crossing two commercially known varieties 2. hybrid introduced from other countries 3. existing variety through genetic engineering or mutation 4. crossing commercially known variety with its wild relative A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

20	220	What is the role of "companion planting" in agriculture? 1. Enhancing soil fertility through crop rotation 2. Growing different crop species together to deter pests 3. Cultivating plants in hydroponic system 4. Increasing soil compaction through cover cropping A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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		A4 : 4		
Objective Question				
21	1501	Breeding value is 1. Sum of the average effect of alleles 2. Mean deviation of the progeny mean from the population mean 3. Twice the progeny mean 4. Mean deviation of the population from the progeny mean A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
22	1502	Bhimthadi belongs to 1. Gujrat 2. Rajasthan 3. Karnataka 4. Maharashtra A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
23	1503	Xena is a cloned 1. Sheep 2. Pig 3. Goat 4. Camel A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question				
24	1504	Phenocopy is 1. Variation in phenotype caused by environmental condition 2. Variation in genotype caused by environmental condition 3. Variation in phenotype caused by epistasis 4. Variation in phenotype due to genetic assimilation A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
25	1505	Which of the following enzyme degrades unincorporated nucleotides and excess ATP in pyrosequencing method 1. Polymerase 2. Sulfurylase 3. Luciferase 4. Apyrase A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
26	1506	Which sequence is required for Cas9 to act 1. CAS sequence 2. PAM sequence 3. FOKI 4. TALEN A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
27	1507		4.0	1.00

The difference between the frequencies in two sexes

1. is half the differences in the previous generation
2. is same as the differences in the previous generation
3. is double the differences in the previous generation
4. is half the differences in the previous generation, but in other direction

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

28 1508

The relationship coefficient between double first cousin is

1. 0.125
2. 0.5
3. 0.25
4. 0.0625

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

29 1509

Age at sexual maturity of mice is

1. 3-4 week
2. 6-8 week
3. 8-12 week
4. 8-9 week

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

30 1510

4.0 1.00

Heterosis in F1 is

1. $\frac{1}{2}dy^2$
2. dy^2
3. $-\frac{1}{2}dy$
4. $-\frac{1}{2}dy^2$

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

31	1511	The percent NDF in total ration is critical for maintenance of normal milk fat? 1. 66 % 2. 22 % 3. 36 % 4. 12 % A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

32	1512	Which of the following statement is not true? 1. Alkalotic state increases the sensitivity of bone to PTH. 2. Alkalotic state reduces the sensitivity of bone to PTH. 3. Acidotic state increases the sensitivity of bone to PTH. 4. Acidotic state increases the calcium supply. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

33	1513		4.0	1.00
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Good quality silage is having all the characteristics except

1. pH = 3.8-4.2
2. fungal growth-negative
3. Butyric acid >0.5 %
4. Volatile-N (O total N) <10 %

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

34 1514

Purpose of adding magnesium oxide in the preparation of UMMB block is

1. to keep its shape intact
2. to supplement magnesium
3. to make it laxative
4. to increase hardness

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

35 1515

Mammalian cells are not capable of introducing double bonds beyond:

1. Carbon atom 9
2. Carbon atom 7
3. Carbon atom 11
4. Carbon atom 10

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

36 1516

4.0

1.00

Effective protein degradability is calculated as per the following formula (Where a = intercept on Y axis, b = difference between a and asymptote, c = rate of disappearance of potentially degradable fraction b and t = time of exposure)

1. $P = a + bc/c + r$
2. $P = a + c(1 - e^{-ct})$
3. $P = a + b(1 - e^{-ct})$
4. $P = a + b(1 - e^{ct})$

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

37	1517	In CNCPS system, the fraction B3 of proteins refers to 1. NDIP - NPN 2. ADIP - NDIP 3. NDIP - ADIN 4. NDIP - ADIP A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

38	1518	Which of the following statement is incorrect about hay preparation? 1. Hay should not have more than 12-4 % of moisture. 2. Hay is dried more rapidly in the windrow than swath. 3. Losses due to rain are known as leaching losses. 4. Hays are rich in Vitamin D than silage. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

39	1519		4.0	1.00
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Which of the following are true for microbial protein?

- (A). Diet does not affect the amino acid composition of individual species of bacteria or protozoa per se.
- (B). Protein quality of protozoa and bacteria are quite similar.
- (C). True digestibility of protozoa is higher than bacteria.
- (D). Protozoa numbers are lower on high roughages diets than concentrate diet.
- (E). Microbial protein contains 20 % nucleic acid.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

40 1520

4.0 1.00

Which of the following are true for energy metabolism?

- (A). The burning of 1 g of hydrogen produces over 4 times as much heat as in case of carbon.
- (B). The large differences in the efficiency of utilization of ME are primarily due to wide variations in the energy losses as HI.
- (C). Net energy is easier and cheaper to obtain than metabolizable energy.
- (D). RQ below 0.7 have been observed in fasting.
- (E). Gross energy of methane is 9.45 kcal/L.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

41 1521

4.0 1.00

Floor space requirements in dairy animals is approximately, Covered Space to Open Space is in a ratio of

1. 2:1
2. 1:2
3. 1:4
4. 4:1

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

42 1522

One of the following breed of cattle has a dropping ears.

1. Kankrej
2. Kangayam
3. Gir
4. Bargur

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

43 1523

Arrange the following Indian breeds of buffalo from West to East India

- (A). Chhatisgarhi
- (B). Chilika
- (C). Surti
- (D). Purnathadi

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

1. (A), (D), (C), (B).
2. (D), (B), (A), (C).
3. (C), (D), (A), (B).
4. (C), (B), (D), (A).

A1 : 1

A2 : 2

4.0 1.00

A3 : 3

A4 : 4

Objective Question

44	1524	Which of the following advanced tools/technique used in animal identification in a farm (A). Artificial Intelligence (B). RFID (C). Branding (D). Tagging Choose the correct answer from the options given below: 1. (A), (B) and (D) only. 2. (D) only. 3. (A), (B), (C) and (D). 4. (A) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

45	1525	How much of a concentrate is required per day for a breeding bull, in addition to 20-25 kg of green fodder 1. 1 kg 2. 2.5 kg 3. 0.5 kg 4. 5 kg A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

46	1526		4.0	1.00
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Himalayan 'Churpi' is a type of dairy product which is produced from Yak and is equivalent to the

1. Butter
2. Ghee
3. Yoghurt
4. Cheese

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

47 1527

Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : Size of the egg varies with the species and within the species.

Reason (R) : Generally the egg size in Indian ducks is smaller than Indian chickens.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

48 1528

In Buffaloes, the vaccination is usually done to prevent the occurrence of the diseases, except for

- (A). Theileriosis
- (B). Coccidiosis
- (C). IBR
- (D). Distemper

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

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

4.0 1.00

		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
49	1529	The factor accounting for most of the variation seen in calving interval of a cows within a breed 1. Gestation period. 2. Service period. 3. Dry period. 4. Transistion period. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
50	1530	Name the breeds of cattle which are largely maintained on pastures and are migratory in nature..... (A). Kankrej (B). Belahi (C). Gojri (D). Sanchori Choose the correct answer from the options given below: 1. (A), (B) and (D) only. 2. (B), (C) and (D) only. 3. (A), (B), (C) and (D). 4. (A), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
51	1531		4.0	1.00

Milk is the only source of these nutrients or true constituents of milk are -

1. Lactose and Carotene
2. Lactose and Casein
3. Casein and Albumin
4. Fat and Minerals

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

52 1532

Standards for milk pasteurization are formulated on the basis of following criteria -

- (A). Complete destruction of pathogenic microbes
- (B). Reduction in the size of fat globules
- (C). Inactivation of alkaline phosphatase enzyme
- (D). Minimum damage to cream line.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

53 1533

Type of detergent most commonly used in dairy industry is -

1. Acidic
2. Neutral
3. Alkaline
4. PH independent

A1 : 1

A2 : 2

4.0 1.00

		A3 : 3		
		A4 : 4		

Objective Question

54	1534	Which amino acid is present in highest concentration in actin? 1. Proline 2. Hydroxy proline 3. Glycine 4. Desmosin A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

55	1535	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Number of mitochondria in white muscle fibre are higher than red muscle fibre. Reason (R) : White muscle fibres are fast twitch fibre that are easily fatigued. In light of the above statements, choose the <i>correct</i> answer from the options given below. 1. Both (A) and (R) are true and (R) is the correct explanation of (A). 2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A). 3. (A) is true but (R) is false. 4. (A) is false but (R) is true. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

56	1536		4.0	1.00
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Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : Salt is very important ingredients for the preparation of meat batter.

Reason (R) : Salt help in the extraction of myofibrillar proteins during processing.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

57	1537	Egg white and egg yolk began to coagulate at the temperature of _____ and _____ respectively. 1. 52 °C and 55 °C 2. 62 °C and 65 °C 3. 72 °C and 75 °C 4. 82 °C and 85 °C A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

58	1538	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Enrichment of the omega-3 fatty acid content of yolk using fish oils or fish meals has been investigated with success by researchers. Reason (R) : The fatty acid composition of yolk lipid is influenced by the type of fat in the diets of the hens. In light of the above statements, choose the <i>correct</i> answer from the options given below. 1. Both (A) and (R) are true and (R) is the correct explanation of (A). 2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A). 3. (A) is true but (R) is false. 4. (A) is false but (R) is true. A1 : 1	4.0	1.00
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A2 : 2

A3 : 3

A4 : 4

Objective Question

59	1539	The short fibres that are separated from the long fibres during the combing operation of wool processing are known as - 1. Tops 2. Noils 3. Kemp 4. Heterotype A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

60	1540	The removal of vegetable matter from raw wool using chemical method is known as- 1. Carbonization 2. Scouring 3. Combing 4. Shearing A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

61	1541	Necrotic dermatitis of chicken feet is occurred due to deficiency of 1. Mn 2. F 3. Zn 4. Mg A1 : 1	4.0	1.00
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		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
62	1542	The concentration of vitamin A in the ration of poultry should be highest for which class of birds 1. Laying hens 2. Breeding hens 3. Broiler starter 4. Broiler finisher A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
63	1543	Birds of which class lay larger no. of eggs 1. Mediterranean 2. Asiatic 3. American 4. English A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
64	1544	The period of the life of the layer which follows the brooding up to the sexual maturity is called as 1. Rearing 2. Molting 3. Laying 4. None A1 : 1 A2 : 2	4.0	1.00

A3 : 3

A4 : 4

Objective Question

65	1545	Energy content of layer feed is 1. 2400 ME 2. 2600 ME 3. 2700 ME 4. 3000 ME A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

66	1546	The chicken has this number of air sacs 1. 4 2. 6 3. 9 4. 3 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

67	1547	The physiological zero temperature for hatching eggs is 1. 20 °C 2. 15 °C 3. 24 °C 4. 18 °C A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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		A4 : 4		
Objective Question				
68	1548	Kashmir Anz is a 1. Duck 2. Geese 3. Chicken 4. Turkey A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
69	1549	Australorp belongs to _____ class 1. Mediterranean 2. Asiatic 3. English 4. American A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
70	1550	Hansli belongs to which state of India 1. Maharashtra 2. Jharkhand 3. Odisha 4. Chhatisgarh A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question

71	1001001	Share of livestock sector in National and Agriculture GVA is : 30.19% and 5.73 % 25.57% and 4.37 % 20.32 % and 3.83% 18.29% and 2.83 % A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

721001002

4.01.00

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

List-I	List-II
(A). Highest per capita availability of milk	(I). Andhra Pradesh
(B). Highest sheep population	(II). Uttar Pradesh
(C). Highest egg producer	(III). Telangana
(D). Highest meat producer	(IV). Punjab

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

1. (A) - (IV), (B) - (I), (C) - (III), (D) - (II)

2. (A) - (IV), (B) - (III), (C) - (II), (D) - (I)

3. (A) - (IV), (B) - (II), (C) - (III), (D) - (I)

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

73	1001003		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
Livetsock species	Highest priority agroclimate zone
(A). Buffalo	(I). Eastern plateau and Hill region
(B). Cattle	(II). Transgangetic plains
(C). Sheep	(III). Lower gangetic plains
(D). Goat	(IV). Westren dry region

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

74	1001004
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4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
Breeds	Characteristic
(A). Jaffrabadi	(I). Highest milk fat percent
(B). Murrah	(II). Panchkalyani
(C). Nili Ravi	(III). Highest milk producer
(D). Bhadawari	(IV). Heaviest buffalo breed

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

75	1001005		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
Livestock development program	Year of starting
(A). Central Council of Gosamvardana	(I). 1965
(B). National Dairy Development Board	(II). 1952
(C). Hill Cattle Development Scheme	(III). 1955
(D). Intensive Cattle Development Project	(IV). 1964

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

- (A) - (II), (B) - (I), (C) - (IV), (D) - (III)
- (A) - (II), (B) - (I), (C) - (III), (D) - (IV)
- (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
- (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

76 1001006

4.0 1.00

Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : Dogs and cats have more developed eliminative behaviour than ruminants.

Reason (R) : Eliminative behaviour is related to habitat of their carnivorous ancestors to keep their habitat clean in caves.

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

- Both (A) and (R) are correct and (R) is the correct explanation of (A).
- Both (A) and (R) are correct but (R) is NOT the correct explanation of (A).
- (A) is correct but (R) is not correct.
- (A) is not correct but (R) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

77	1001007	Given below are two statements: Statement (I): Promiscuous sexuality and behavioural signs of oestrus are favourable behaviour for domestication. Statement (II): Strong maternal behaviour is counterproductive in commercial production system. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. - Both Statement (I) and Statement (II) are true. - Both Statement (I) and Statement (II) are false. - Statement (I) is true but Statement (II) is false. - Statement (I) is false but Statement (II) is true. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

78	1001008	Adaptive features of cattle to tropical climate : (A). Short light colour hair and dark skin (B). Deep seated sweat glands (C). Smaller body and long extremities (D). Well developed subcutaneous muscular layer Choose the correct answer from the options given below: (A), (B) and (D) only. (A), (B) and (C) only. (B), (C) and (D). (A), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

79	1001009		4.0	1.00
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Optimum number of calving pens at dairy farm should be % of breedable female:

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

80	1001010	Buck to Doe ratio for optimum fertility of flock should be : 1. 1:10 2. 1:25 3. 1:50 4. 1:75 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

81	1001011	Minimum covered and open area requirement (square meter) per adult goat and maximum group size per pen for goat housing is : 1. 1.5 , 3.0 and 50 2. 1.0, 2.0 and 60 3. 1.5 , 3.0 and 60 4. 1.0, 2.0 and 50 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

82	1001012		4.0	1.00
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Given below are two statements:

Statement (I): Breeding value indicates additive genetic merit of individual animal .

Statement (II): Breeding value of highly heritable of traits is always high.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

83	1001013	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Individual selection is a method for faster genetic improvement of highly heritable economic traits. Reason (R) : Individual selection can not be used for improvement of sex limited traits. In light of the above statements, choose the <i>most appropriate</i> 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. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

84	1001014	Total digestible nutrient of feed is equal to: 1. DCP+DCF+DNFE+ 2.50DEE 2. DCP+DCF+DNFE+ 2.25DEE 3. DCP+DCF+2.50 DEE 4. DCP+DCF+2.25DEE A1 : 1	4.0	1.00
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A2 : 2

A3 : 3

A4 : 4

Objective Question

85	1001015	Type II cattle feed must contains: 1. Minimum 18 % crude protein 2. Minimum 2.5 % ether extract 3. Maximum 15 % crude fibre 4. Maximum 5 % acid insoluble ash A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

86

1001016

4.0

1.00

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

List-I	List-II
Grassland type	Distribution Area
(A). Dicanthium -Cenchurus -Lasirus	(I). Sub tropical lower Northern mountain region
(B). Sehima -Dicanthium	(II). North West arid and semi arid region
(C). Phragmites-Saccharum-Imperata	(III). Peninsular region
(D). Themida-Arundinella	(IV). Eastern humid region

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

1. (A) - (II), (B) - (I), (C) - (III), (D) - (IV)

2. (A) - (I), (B) - (III), (C) - (II), (D) - (IV)

3. (A) - (II), (B) - (III), (C) - (IV), (D) - (I)

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

87	1001017	Arrange the following fodder crop with decreasing seed rate /acre of land (A). Maize (B). Oat (C). Pearl millet (D). Barseem Choose the correct answer from the options given below: 1. (A), (B), (C), (D). 2. (A), (C), (B), (D). 3. (B), (A), (D), (C). 4. (C), (B), (D), (A). A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

88	1001018	Arrange Livetsock in decreasing order of 'dry matter requirement' per unit body weight: (A). Cattle (B). Buffalo (C). Goat (D). Sheep Choose the correct answer from the options given below: 1. (A), (B), (C), (D). 2. (C), (D), (A), (B). 3. (B), (A), (D), (C). 4. (C), (B), (D), (A). A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

891001019

4.01.00

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

List-I	List-II
Cattle breed	Characterstics
(A). Gir	(I). Prominant orbital arch
(B). Tharparkar	(II). Curled leafy ears
(C). Hallikar	(III). Coffine shape head
(D). Kankrej	(IV). Tight seath muscular body

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

1. (A) - (II), (B) - (I), (C) - (III), (D) - (IV)

2. (A) - (II), (B) - (III), (C) - (IV), (D) - (I)

3. (A) - (IV), (B) - (II), (C) - (I), (D) - (III)

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

90	1001020	DCP and TDN requirement of cow for 1 kg , 4% fat corrected milk production: 45 gram and 320 gram 45 gram and 300 gram 35 gram and 320 gram 35 gram and 300 gram A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

91	1001021		4.0	1.00
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		Given below are two statements: Statement (I): Ideal dairy cow must have large area of top, rear and side wedges. Statement (II): Ideal mammary characters are bowl shape udder, long funnel shape teats and high rear udder attachment. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. - Both Statement (I) and Statement (II) are true. - Both Statement (I) and Statement (II) are false. - Statement (I) is true but Statement (II) is false. - Statement (I) is false but Statement (II) is true. A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
92	1001022	Storage space per adult animal unit at a dairy farm should be: 0.2 m³ 0.4 m³ 0.6 m³ 0.8 m³ A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
93	1001023		4.0	1.00

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

List-I	List-II
Pig breed	Morphological character
(A). Ghurra	(I). Bristles all over the body
(B). Ghungroo	(II). White stripes on fore head and bristles over top mid line
(C). Niang Megha	(III). Bull dog face
(D). Mali	(IV). Long drooping tail

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

- (A) - (II), (B) - (I), (C) - (III), (D) - (IV)
- (A) - (IV), (B) - (II), (C) - (III), (D) - (I)
- (A) - (III), (B) - (II), (C) - (IV), (D) - (I)
- (A) - (IV), (B) - (III), (C) - (II), (D) - (I)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

94 1001024

4.0 1.00

Advantages of ovum pick up (OPV) over multiple ovulation embryo transfer (MOET) technology :

- No need of hormonal superovulation of donor.
- Can be used on prepubertal donor
- Sterile animal can be used
- Helps in embryo production of different sires with same donor.

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

- (A), (B), and (C) only.
- (A), (B) and (D) only.
- (A), (B), (C) and (D).
- (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

95 1001025

4.0 1.00

For efficient management of bullock:

- (A). Castration should be done before one year of age
- (B). Tanning should be done after two years of age
- (C). Should be used for regular ploughing work after 4 years of age
- (D). Should be used for heavy work maximally for 5 hours per day

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

96 1001026

4.0 1.00

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

List-I	List-II
Statement	Answer
(A). Five freedoms of animal	(I). Chennai
(B). Animal welfare board of India	(II). NDRI, Karnal
(C). National Institute of animal welfare	(III). Brambell Report
(D). Dairy animal welfare assessment scale	(IV). Balabgarh

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

97	1001027	Example of <i>Ex-situ</i> conservation of wildlife:	4.0	1.00
		1. National park 2. Wildlife sacnctuary 3. Biosphere reserve 4. Zoological park		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

98	1001028		4.0	1.00
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Minimum dimension of enclosure for lion in zoo should be :

1. 2.75 X 1.80 X 3.00 meter
2. 2.00 X 1.10 X 2.00 meter
3. 8.00 X 6.00 X 5.50 meter
4. 5.00 X 3.00 X 2.50 meter

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

99 1001029

The largest deer among following is:

1. Sambhar
2. Barasingha
3. Cheetal
4. Barking Deer

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

100 1001030

The chicken class possess morphological/production character

- (A). American class chicken lays brown shelled eggs
- (B). Mediterranean class chicken lays white shelled eggs
- (C). Asiatic class chicken possess featherd shank
- (D). English class chicken possess white ear lobes

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

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

A1 : 1

A2 : 2

4.0 1.00

A3 : 3

A4 : 4

Objective Question

101	1001031	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : For high fertility, artificial Insemination in chicken birds should be performed in afternoon. Reason (R) : In chicken birds 'oviposition' occurs during before noon. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below . - Both (A) and (R) are correct and (R) is the correct explanation of (A). - Both (A) and (R) are correct but (R) is NOT the correct explanation of (A). (A) is correct but (R) is not correct. (A) is not correct but (R) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

102	1001032	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : The price of saleable layer chicks is always more than broiler chicks. Reason (R) : The percent of saleable layer chicks in a hatch is always less than broiler chicks. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below . - Both (A) and (R) are correct and (R) is the correct explanation of (A). - Both (A) and (R) are correct but (R) is NOT the correct explanation of (A). (A) is correct but (R) is not correct. (A) is not correct but (R) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

103	1001033		4.0	1.00
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Starter broiler ration must contains:

1. Minimum 20 % protein , 2900 Kcal/kg metabolizable energy and 1.2 % lysine
2. Minimum 23 % protein , 2900 Kcal/kg metabolizable energy and 1.0 % lysine
3. Minimum 20 % protein , 2900 Kcal/kg metabolizable energy and 1.0 % lysine
4. Minimum 23 % protein , 2800 Kcal/kg metabolizable energy and 1.2 % lysine

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

104 1001034

Maximum width of a conventional layer shed should not be more than:

1. 20 feet
2. 25 feet
3. 35 feet
4. 40 feet

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

105 1001035

Correct statemnet about farrowing sow:

- (A). Shows nest building behaviour
- (B). Piglets comes out at 15-20 minutes interval.
- (C). Placenta is expelled after birth of all piglets
- (D). First piglet of litter is weakest

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

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

A1 : 1

A2 : 2

4.0 1.00

A3 : 3

A4 : 4

Objective Question

106	1001036	On a commercial pig farm, optimum breeding age and weight of sows is : 1. 8-10 months and 80-100 kg. 2. 6-8 months and 70-80 kg 3. 6-8 months and 80-100 kg 4. 8-10 months and 70-80 kg A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

107	1001037	Earliest age of weaning in piglets is: 1. 7 days 2. 15 days 3. 21 days 4. 28 days A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

108	1001038		4.0	1.00
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Identify correct statements (s) about reproduction in Mare:

- (A). Seasonally polyestrous
- (B). Autumn and spring are two breeding seasons
- (C). Winking of vulva is sign of estrus
- (D). Autumn is best season for breeding

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

109	1001039	Dairy cow requires 1 liter water for production of 1. 0.2 kg milk 2. 0.3 kg milk 3. 0.5 kg milk 4. 0.7 kg milk A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

110	1001040	Storage space required for composting per adult animal unit with twice a year frequency of manure removal: 1. 2.5 cubic meter 2. 5.0 cubic meter 3. 7.5 cubic meter 4. 10.0 cubic meter A1 : 1 A2 : 2	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

111 1001041

4.0 1.00

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

List-I	List-II
(Horse shoe type)	(Author/Thinker/Name of Theory, etc.)
(A). Seated out	(I). Polo horse
(B). Calkin	(II). Flat sole
(C). Fullered	(III). Dropped sole
(D). Saucer	(IV). Race horse

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

112 1001042

4.0 1.00

Minimum dimensions (length x width) of individual stall for adult horse is:

1. 3 X 2 meter
2. 4 X 2 meter
3. 5 X 3 meter
4. 6 X 3 meter

A1 : 1

A2 : 2

A3 : 3

		A4 : 4		
Objective Question				
113	1001043	Given below are two statements: Statement (I): Mohair is obtained from Angora sheep while pashmina from Changthangi goat Statement (II): Mohair fiber is finer than pashmina fiber In light of the above statements,choose the <i>most appropriate</i> answer from the options given below. - Both Statement (I) and Statement (II) are true. - Both Statement (I) and Statement (II) are false. - Statement (I) is true but Statement (II) is false. - Statement (I) is false but Statement (II) is true. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
114	1001044	Given below are two statements: Statement (I): Milking is most labour intensive operations of dairy farm. Statement (II): One labour is required for twice a day milking of 18 buffaloes. In light of the above statements,choose the <i>most appropriate</i> answer from the options given below. - Both Statement (I) and Statement (II) are true. - Both Statement (I) and Statement (II) are false. - Statement (I) is true but Statement (II) is false. - Statement (I) is false but Statement (II) is true. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
115	1001045		4.0	1.00

Biological productivity trait in Rabbit :

- (A). Indicates total live weight produced by a dam per year
- (B). An important economic trait for meat production.
- (C). Depends upon prolificacy and growth rate.
- (D). Varies from 10-25 for rabbit.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

116	1001046		4.0	1.00
A working Camel : (A). Should be applied with 'nose peg and rope' by 2 years of age (B). Should be castrated by 4 years of age (C). Put to regular work by 4 years of age. (D). Can be used for draught work for 5-6 hours a day. Choose the correct answer from the options given below: 1. (A), (B) and (D) only. 2. (A), (B) and (C) only. 3. (A), (B), (C) and (D). 4. (B), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4				

Objective Question

117	1001047		4.0	1.00
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Example of vertical integrated marketing approach is:

1. Milk cooperative societies
2. Hatchery-broiler farming
3. Pig-fish farming
4. Horticulture -Poultry farming

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

118 1001048

4.0 1.00

Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : A sound livestock business proposal should have early break even point.

Reason (R) : Early break even point indicates higher internal rate of return.

In 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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

119 1001049

4.0 1.00

Processing of sheep wool involves :

- (A). Scouring with alkali solution to remove grease and suint.
- (B). Carbonization with alkali solution to remove vegetative impurities
- (C). Scouring with diluted acid to remove grease and suint.
- (D). Carbonization with diluted acid to remove vegetative impurities.

Choose the **correct** 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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

120 1001050

4.0 1.00

Farrowing index:

- (A). Indicates number of farrowing per sow per year.
- (B). Increases with early weaning of piglets.
- (C). 2.0 with early weaning farrowing index in sow is 2.0 .
- (D). Affects the biological productivity of sow.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4