ICAR AIEEA PG

QUESTION PAPER



aglasem.com

PREVIEW QUESTION BANK

Module Name : ANIMAL SCIENCES-ENG
Exam Date : 29-Jun-2024 Batch : 10:00-12:00

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	140001	Polygene term was given by one of the following? 1. Morgan 2. Mather 3. Muller 4. Mendel A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
2	140002	According to Hardy Weinberg Law, genotype frequencies in the progeny depend only on the 1. Genotype frequencies in the parents 2. Gene frequencies in the parents 3. Both gene and genotype frequencies in the parents 4. Gene and genotype interaction in the parents A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
3	140003	Which of the following was used to label DNA by Meselson and Sthal in their study on the mechanism of DNA replication? 1. ^{14}C 2. ^{32}P 3. ^{15}N 4. ^{35}S A1 : 1 A2 : 2	4.0	1.00

		A3 : 3 A4 : 4		
Objective Question				
4	140004	When both the alleles of a gene are fully expressed in the heterozygotes, it leads to which of the following? 1. Co-dominance 2. Partial Dominance 3. Pseudo dominance 4. Over-dominance A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
5	140005	If the frequency of aa genotype is 0.04, the frequency of AA genotype will be which of the following? 1. 0.40 2. 0.60 3. 0.80 4. 0.64 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
6	140006	The term chromosome was coined by..... 1. W.Bateson 2. E. Strausberger 3. W. Waldeyer 4. F.Galton A1 : 1 A2 : 2	4.0	1.00

		A3 : 3 A4 : 4		
Objective Question				
7	140007	In the F_1 generation, the character of only one of the parents is expressed due to ..... 1. Random drift 2. Dominance 3. Co-dominance 4. Intergenic interaction A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
8	140008	DNA synthesis takes place during ..... Phase 1. G1 2. G2 3. S 4. M A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
9	140009		4.0	1.00

Match List-I with List-II

	List-I		List-II
1	Nucleoside	A	UAA
2	Nucleotide	B	AUG
3	Initiation codon	C	Sugar + Base
4	Termination codon	D	Sugar + Base + Phosphate

Choose the correct answer from the options given below

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

10 | 140010 | 4.0 | 1.00

Crossing over involves which of the following events

(A). DNA cleavage

(B). Ligation

(C). DNA degradation

(D). DNA synthesis

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

11 | 140011 | 4.0 | 1.00

		To construct a selection index which of the following is not necessary? 1. Breeding value of the traits 2. Genetic and phenotypic variances for each trait 3. Genetic and phenotypic co-variances between each trait 4. Relative economic value of the traits A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
12	140012	In a population with a coefficient of inbreeding F, change of mean resulting from inbreeding is 1. -2dpqF 2. 2dpqF 3. -pdqF 4. -4dpqF A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
13	140013	Which of the following is not a buffalo breed? 1. Banni 2. Kharai 3. Toda 4. Chilka A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
14	140014		4.0	1.00

		The parent offspring relationship is ----------% in populations where there is no inbreeding. 1. 25% 2. 50% 3. 75% 4. 37.5% A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
15	140015	The loci without ---------- cause neither inbreeding depression nor heterosis. 1. Additive effect 2. Epistatsis 3. Dominance 4. Non-additive effect A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
16	140016	Read the following statements (A). Robert Bakewell's two remarks were "Like begets like" and "Breed the best to the best". (B). A breed or a variety may have several strains or lines identified by a given name and produced by a breeder through at least 5 generations of closed flock breeding. (C). Selection leads to the creation of new genes. (D). Individual selection is preferred for sex-limited traits and carcass traits. Choose the ***correct*** answer from the options given below: 1. (C) and (D) only. 2. (B), (C) and (D) only. 3. (A), (B), (C) and (D). 4. (A) and (B) only. A1 : 1	4.0	1.00

		A2 : 2 A3 : 3 A4 : 4		
Objective Question				
17	140017	Read the following statements (A). Alleles are alternative forms of a gene. (B). Genes located in the same chromosomes never show independent segregation. (C). Calvin Bridges proposed the genic balance theory of sex determination in Drosophila. (D). In chickens, the character "creeper" is recessive for its effect on phenotype but dominant for lethality. Choose the ***correct*** answer from the options given below: 1. (A), (B) and (D) only. 2. (A) only. 3. (A) and (C) only. 4. (B), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
18	140018	Department of Animal Husbandry & Dairying, Ministry of Fisheries, Animal Husbandry and Dairying has conducted the latest 20th Livestock Census in 2019. Which of the census information statements is true? (A). The total number of Cattle in the country was 193.46 million in 2019. (B). The Indigenous/Non-descript Female Cattle population has increased by 10% in 2019 compared to the previous census. (C). The total number of Cattle in the country in 2019 recorded a decline of 1.3 % over the previous Census. (D). There is an increase of 6% in the total Indigenous (both descript and non-descript) Cattle population over the previous census. Choose the correct answer from the options given below: 1. (A) and (D) only. 2. (A), (B) and (D) only. 3. (A) and (B) only. 4. (C) and (D) only. A1 : 1 A2 : 2	4.0	1.00

		A3 : 3 A4 : 4		
Objective Question				
19	140019	The term "survival of the fittest" was coined /first used by which of the following? 1. Weismann 2. Charles Robert Darwin 3. Herbert Spencer 4. George Mendel A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
20	140020	Given below are two statements, one is labelled as Assertion (A) and the other one is labelled as Reason (R). Assertion (A): Meiotic division of one somatic (2n) cell gives rise to four haploid (n) daughter cells Reason (R): The reduction in chromosome number of daughter cells is mainly due to a single S phase during the premeiotic interphase followed by two successive nuclear divisions 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				
21	140021		4.0	1.00

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

List-I	List-II
(A). Sex-limited traits	(I). Colour blindness in humans
(B). Sex influenced traits	(II). Sickle Cell anaemia
(C). Sex-linked traits	(III). Pattern baldness in humans
(D). Autosomal inheritance	(IV). Milk production in cow

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

22 | 140022 | 4.0 | 1.00

Which of the following is involved in epistasis

1. Intragenic interaction
2. Interallelic interaction
3. Intergenic interaction
4. Gene conversion

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

23 | 140023 | 4.0 | 1.00

		Read the following statements (A). Freiswal is a crossbred cattle with 62.5 % Holstein Friesian inheritance. (B). Mehsana is a buffalo breed developed by crossing Murrah and Jafrabadi. (C). Avishaan is a prolific crossbred sheep having Garole, Malpura and Patanwadi sheep inheritance. (D). Bombay breed is a dog breed with a Jet-black colour and gold to copper eyes. Choose the ***correct*** answer from the options given below: 1. (A) and (D) only. 2. (A), (B) and (D) only. 3. (A) and (C) only. 4. (B), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
24	140024	Ribosomes are essential for the synthesis of which of the following ? 1. Polysaccharides 2. Proteins 3. Nucleic acids 4. Lipids A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
25	140025	Which of the following breed of cattle come from scotland 1. Jersey 2. Ayrshire 3. Brown Swiss 4. Gurensy A1 : 1 A2 : 2	4.0	1.00

		A3 : 3 A4 : 4		
Objective Question				
26	140026	Whhich of the following is essential fatty acid for the animals 1. Linolenic acid 2. Gallic acid 3. Propionic acid 4. Arachidonic acid A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
27	140027	The crude protein of the animal feeds can be calculated by multiplying the nitrogen content with following factor 1. 4.25 2. 8.25 3. 6.25 4. 7.25 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
28	140028	Glycogens are present in folowing 1. Plant 2. Animal 3. Soil 4. Water A1 : 1 A2 : 2	4.0	1.00

		A3 : 3 A4 : 4		
Objective Question				
29	140029	The proportion of which volatile fatty acid will be higher in the rumen of animals fed on the high roughage diet? 1. Butyric acid 2. Propionic acid 3. Acetic acid 4. Valeric acid A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
30	140030	The precursor of the vitamin D3 for the animals is 1. Cholelesterol 2. Ergosterol 3. 7-Dehydrocholesterol 4. 25-hydroxycholecalciferol A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
31	140031	Which among the following is primarily a cellulolytic bacterium in the rumen? 1. Oxalobacter formigenes 2. Fibrobactor succinogenes 3. Succinomonas amylolytica 4. Metanobacterium ruminantium A1 : 1 A2 : 2 A3 : 3	4.0	1.00

		A4 : 4		
Objective Question				
32	140032	The disease caused by vitamin E deficiency in in chicks is known as 1. Polyneuritis 2. Scurvy 3. Curled toe paralysis 4. Encephalomalacia A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
33	140033	The digestible crude protein content in wheat straw is around 1. 10% 2. 5% 3. 0% 4. 15% A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
34	140034	The best crop for silage making is 1. Napier 2. Cowpea 3. Guar 4. Maize A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question				
35	140035	The antinutritional factor present in the Leucaena leucocephala (soobabul) leaves is 1. Sapponin 2. Mimosine 3. Oxalate 4. Dhhurin A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
36	140036	The process of adding hydrogen to the double bonds of the unsaturated fatty acids, thereby converting them to their saturated analogs is called as 1. Hydrogenation 2. Deamination 3. Fermentation 4. Hydrolysis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
37	140037	Enzyme used as feed additive for degrading structural polysaccharides in poultry ration is 1. Phytase 2. Protease 3. β-glucanase 4. Lipase A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question

38 | 140038 | 4.0 | 1.00

Match List I with List II

List I	List II
Classification	Animal feed
A. Wheat straw	I. Productive type roughage
B. Maize grains	II. Non maintenance type roughage
C. Legume fodder	III. Energy rich concentrate feed
D. Soybean meal	IV. Protein rich concentrate feed

Choose the correct answer from the options given below:

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

39 | 140039 | 4.0 | 1.00

Which selenoprotein is involved in the conversion of thyroid hormone T_4 into T_3?

1. Thioredoxin reductase
2. Glutathione peroxidase
3. Selenophosphatesynthetase
4. Iodothyronine 5'-deiodinase

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

40 | 140040 | 4.0 | 1.00

		The disease caused by iodine difficiency in animals is known as 1. Picca 2. Goitre 3. Osteomalacia 4. Denala A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
41	140041	The crude protein content on dry matter basis in animal feed Zea mays grains is 1. 45.0 % 2. 16.0 % 3. 22.0 % 4. 9.5 % A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
42	140042	The difficiency of all the minerals in ration of animals can be overcome by supplementation of 1. Mineral mixture 2. Common salt 3. Dicalcium phospahate 4. Copper sulphate A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
43	140043		4.0	1.00

Which of the following cakes is not suitable for feeding to poultry?

1. Til cake
2. Ground nut cake
3. Sal seed cake
4. Soybean meal

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

44 | 140044 | 4.0 | 1.00

Match List I with List II

List I	List II
Classification	Animal feed
A. Protein rich feed ingredients	I. Oat silage
B. Energy Rich feed ingredients	II. Rice straw
C. Dry fooder	III. Barley
D. Presseve fodder	IV. Suybean meal

Choose the correct answer from the options given below:

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

45 | 140045 | 4.0 | 1.00

		A measure of the proportion of the absorbed nitrogen retained by the body is 1. Ideal protein value 2. Biological value 3. Digestible crude protein value 4. Protein efficiency ratio A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
46	140046	The pH of very good quality silage shall be in the range of 1. 6.5 – 7.2 2. 3.5 – 4.2 3. 4.8 – 6.0 4. 4.2 – 4.5 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
47	140047	Normally the feed intake in terms of dry matter by cow is _____ of its body weight 1. 2.5% 2. 5% 3. 10% 4. 20% A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
48	140048		4.0	1.00

		Hay is prepared by curing the herbage so that the dry matter content of the product is 1. 65-70 % 2. 86-88 % 3. 8-10 % 4. 30-35 % A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
49	140049	Generally, the calcium: phosphorus ratio in animal diets shall be 1. 10:1 2. 2:1 3. 15:1 4. 9:1 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
50	140050	Non protein nitrogenos compound (Urea) can be utilized as a source of protein by following animal/ animals 1. Buffaloes 2. Pig 3. Poultry 4. Guinea pig A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
51	140051		4.0	1.00

		The voice box is also known as 1. Trachea 2. Larynx 3. Bronchus 4. Lungs A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
52	140052	Gas exchange between blood and cell is known as 1. External respiration 2. Gas transport 3. Internal respiration 4. Pulmonary ventilation A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
53	140053	Technique to examine pulmonary and lung volume is 1. Spirometry technique 2. ECG technique 3. ERG technique 4. EMG technique A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
54	140054		4.0	1.00

		Dorsal respiratory group of respiratory centre responsible for 1. Expiration 2. Force Expiration 3. Inspiration 4. Terminate Inspiration A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
55	140055	Functional unit of kidney 1. Nephron 2. Renal artery 3. Renal Vein 4. Ureter A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
56	140056	Countercurrent multiplier in kidney 1. Vasa recta 2. Loop of Henle 3. PCT 4. DCT A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
57	140057		4.0	1.00

		Most numbers of nephrons are located within renal 1. Medulla 2. Calyces 3. Cortex 4. Pelvis A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
58	140058	Which substance is not found in normal urine 1. Glocuse 2. creatinine 3. Nacl 4. Urea A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
59	140059	A commonly used Anticoagulant for blood glucose estimation is 1. EDTA 2. Sodium citrate 3. Heparin 4. Sodium fluoride A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
60	140060		4.0	1.00

		Thromboxane A2 produced from 1. RBC 2. Neutrophil 3. Platelet 4. Macrophage A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
61	140061	Dissolution of clot is called 1. Fibrinolysis 2. Embolus 3. Thrombus 4. Spectrin A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
62	140062	The muscle of esophagus squeeze food downward using process of 1. Gravity 2. Rugae 3. Chime 4. Peristalsis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
63	140063		4.0	1.00

		Interstitial cells of cajal called 1. Slow pacemaker 2. Pacemaker 3. MMC 4. MAPC A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
64	140064	Process of release gas from digestive tract through mouth is 1. Rumination 2. Eructation 3. Swallowing 4. Mastication A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
65	140065	Contractile protein of skeletal muscle is 1. Actine 2. Myosin 3. Actin and myosin 4. Troponin A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
66	140066		4.0	1.00

		The plasma membrane of muscle cell is called 1. Sarcoplasm 2. Sarcomere 3. Sarcolemma 4. Sarcoplasmic reticulum A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
67	140067	Calveoli in smooth muscles are representative of 1. T tubule of skeletal muscle 2. Troponin of Skeletal muscle 3. Tropomyosin of Skeletal muscle 4. Actin of Skeletal muscle A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
68	140068	Estrogens are secreted from cells of graaffian follicle 1. Theca interna cell 2. Theca externa cell 3. Luteal cell 4. Membrne granulose cell A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
69	140069		4.0	1.00

		1st buffalo calf through artificial insemination in India was born at 1. Izzatnagar 2. Kolkata 3. Karnal 4. Allahabad A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
70	140070	Blood testes barrier formed by 1. Seminal vesicle 2. Leydig cell 3. Sertoli cell 4. Interstitial cell A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
71	140071	In normal condition, duration of cardiac cycle is 1. 2.0 sec 2. 0.8 sec 3. 0.2 sec 4. 1.5 sec A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
72	140072		4.0	1.00

		Left atrium receives blood from 1. Pulmonary artery 2. Pulmonary vein 3. Vanacava 4. Left ventricle A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
73	140073	SA node located in the 1. Aorta 2. Left Ventricle 3. Right atrium 4. Left atrium A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
74	140074	Most abundant immunoglobulin of normal animal 1. IgG 2. IgD 3. IgA 4. IgM A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
75	140075		4.0	1.00

		Kupffer cells are an active form of 1. Besophil 2. Neutrophil 3. Monocyte 4. Lymphocyte A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
76	140076	Pregnant dams should be shifted to calving pens how many days before? 1. 3 weeks prior to calving date 2. 3 weeks post calving date 3. 3 months prior to calving date 4. 5 weeks prior to calving date A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
77	140077	Milk from which species is having maximum fat% ? 1. Elephant 2. Buffalo 3. Human 4. Seal A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
78	140078		4.0	1.00

		Recommended age at first dose of FMD vaccination in cattle and buffalo should be 1. 6 months & above 2. 4 months & above 3. 1 month & above 4. 9 months & above A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
79	140079	Heat denaturation of .....retard creaming process in pasteurized milk 1. Bovine serum albumin 2. Cryoglobulins 3. Casein 4. Lactoferrin A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
80	140080	What should be the normal limit of milk somatic cell count in indigenous dairy cow? 1. Less than 1.0 Lakh/ml milk 2. 1.0 - 1.5 Lakh/ml milk 3. 2.0-2.5 Lakh/ml milk 4. More than 2.5 Lakh/ml milk A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
81	140081		4.0	1.00

		Dose of formalin for preserving 100ml of milk sample is 1. 1 ml 2. 5 ml 3. 0.4 ml 4. 0.5 ml A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
82	140082	Large dairy animals are kept in the quarantine shed generally for 1. 15 days 2. 30 days 3. 50 days 4. 70 days A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
83	140083	Detection of pond water in milk using diphenylamine is based on presence of ..... in pond water 1. Sulphates 2. Chlorides 3. Nitrates 4. Citrates A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
84	140084		4.0	1.00

		Values of fat constants of a particular fat indicate type of ..... in that fat 1. Alcohol 2. Fatty acids 3. Glycerides 4. Phospholipids A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
85	140085	For clean milk production which type of udder and teat conformation is preferred in dairy animal? 1. Regular udder shape with flat teat end. 2. Pendulous udder shape with pointed teat end. 3. Regular udder shape with pointed teat end. 4. Pendulous udder shape with inverted teat end. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
86	140086	Maximum heat induced changes can be observed in ---------- 1. Channa 2. Milk powder 3. Condensed milk 4. Khoa A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
87	140087		4.0	1.00

		Central cattle breeding dairy farm for 'Red Sindhi' cattle is located at 1. Chiplima (Orissa) 2. Almadhi (T.N) 3. Dhamrod (Gujrat) 4. Hessarghatta (Karnatka) A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
88	140088	Body and texture of cheese is mainly contributed by---------- 1. Proteolysis 2. Lipolysis 3. Lactose fermentation 4. Fat A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
89	140089	How much time should be allowed to keep in standing posture of dairy cow and buffalo immediate after milking? 1. 5-10 minute 2. 75 minute 3. 60-65 minute 4. 30-35 minute A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
90	140090		4.0	1.00

		Enzyamtic phase of rennet action is ---------- 1. Temperature independent 2. Temperature dependent 3. Ca++ dependent 4. Ca++ independent A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
91	140091	National Dairy plan –I was started in which year to increase productivity of milch animals in India 1. 2009-10 2. 2011-12 3. 2013-14 4. 2018-19 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
92	140092	Flavour of ghee is mainly contributed by ..... 1. Alcohol 2. Butyric acid 3. Lactones 4. Acetaldehydes A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
93	140093		4.0	1.00

		What should be effective vacuum pressure for auto machine milking in buffaloes? 1. 400 to 420 mm of Hg 2. 430 to 450 mm of Hg 3. 330 to 350 mm of Hg 4. More than 450 mm of Hg A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
94	140094	Which of the following milk constituent_____ show a significant reduction during subclinical mastits infection? 1. Lactose 2. Whey proteins 3. Chloride 4. Somatic cells A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
95	140095	In India, the co-operatives and private dairies have access to only how much % of the total milk produced 1. 10% 2. 20% 3. 30 % 4. 40 % A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
96	140096		4.0	1.00

		Which one of the criteria is commonly used for assessing feed efficiency in laying hens? 1. Daily feed intake per hen 2. Feed intake in a farm 3. Egg income 4. none A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
97	140097	Which one of the following statement is not true 1. Prebiotics are not organism 2. Probiotics are required by the probiotic organism 3. Prebiotics competitively inhibits the pathogenic organism 4. Prebiotics helps to promote the growth of probiotic organisms A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
98	140098	Which element of poultry manure are major concern of environmental pollution 1. Sulphar and Phosphorus 2. nitrogen and phosphorus 3. Iron and nitrogen 4. none A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
99	140099		4.0	1.00

		Which one of the following diseases is not vertically transmitted in poultry 1. Salmonella Pullorum 2. Newcastle disease 3. Avian encephalomyelitis virus 4. Mycoplasma gallispticum A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
100	140100	Which one of the following vaccine is commonly produced by using class B SPF eggs 1. Infectious bronchitis 2. Infectious bursal disease 3. Marek's disease 4. Avian influenza A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
101	140101	When sociologists study the structure of layers in society and people's movement between them, they call this: 1. Social Stratification 2. Social Control 3. Social Conflict 4. Social Solidarity A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
102	140102		4.0	1.00

		Minorities giving up their ancestral customs and adopting the culture of the majority is known as 1. Integration 2. Assimilation 3. Accommodation 4. Socialization A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
103	140103	Which of the following defines sociology? 1. The study of individual behavior in society 2. The study of societal institutions and social relationships 3. The study of economic systems in society 4. The study of historical events of the society A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
104	140104	What differentiates tribal communities from urban communities? 1. Greater technological advancement in tribal communities 2. Larger population size in tribal communities 3. Unique cultural practices and social structures in tribal communities 4. More formalized institutions in tribal communities A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
105	140105		4.0	1.00

		The key principle of extension education is? 1. Centralization of control 2. Participation of the community 3. Exclusively using traditional methods 4. Focus on urban development A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
106	140106	The primary goals of community development? 1. To provide access to transportation 2. To enhance the socio-economic status of the community 3. To maintain the status quo of individual community members 4. To increase urban migration and urban employment A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
107	140107	What is the role of extension teaching methods? 1. To enforce a top-down approach 2. To facilitate learning and adoption of new practices 3. To restrict the use of modern technologies 4. To focus solely on theoretical knowledge A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
108	140108		4.0	1.00

		What was the focus of the Gurgaon Experiment? 1. Promoting industrialization in rural areas 2. Developing urban infrastructure 3. Improving agricultural practices and rural welfare 4. Establishing rural universities A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
109	140109	What was the primary aim of the Community Development Programme (CDP)? 1. Industrial development 2. Comprehensive rural development 3. Urban planning 4. Promoting traditional arts A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
110	140110	Which method involves using success stories and experiences of other farmers to motivate and educate? 1. Role-playing method 2. Lecture method 3. Field trip method 4. Case study method A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
111	140111		4.0	1.00

		Which principle of cooperative societies is most beneficial for veterinary extension programs? 1. Profit maximization 2. Voluntary and open membership 3. Individual ownership 4. Centralized control A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
112	140112	Which marketing strategy is commonly used to promote veterinary extension services to rural communities? 1. Direct marketing through local fairs and community meetings 2. Digital marketing campaigns 3. International advertising 4. Celebrity endorsements A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
113	140113	Which principle ensures that members of cooperative societies contribute equitably to, and democratically control, the capital of their cooperative? 1. Member economic participation 2. Autonomy and independence 3. Education, training, and information 4. Concern for community A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
114	140114		4.0	1.00

		The principle of 'autonomy and independence' in cooperative societies means: 1. Cooperatives are controlled by external investors 2. Cooperatives operate independently of their members 3. Cooperatives are self-governed by their members 4. Cooperatives follow government directives strictly A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
115	140115	Which of the following statement is related to Mean in a dataset? 1. The value that appears most frequently in the dataset 2. The middle value when the data is arranged in ascending order 3. The sum of all the values divided by the number of values 4. The range of the dataset A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
116	140116	Find the mode of the following dataset: 4, 2, 2, 3, 5, 4, 2? 1. 2 2. 3 3. 4 4. 6 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
117	140117		4.0	1.00

		In a dataset where all values are the same, what can be said about the mean, median, and mode? 1. They will all be different 2. The mean will be higher than the median and mode 3. The median will be higher than the mean and mode 4. They will all be the same A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
118	140118	When was the term 'Extension Education' first coined? 1. USA 2. UK 3. Netherlands 4. India A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
119	140119	Which one defines 'social taboos'? 1. Formal laws enforced by the government 2. Unwritten social rules that are considered forbidden 3. Popular cultural practices 4. Economic regulations A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
120	140120		4.0	1.00

Median of Data is determined by the following step:

1. By finding the average of all the values
2. By identifying the value that occurs most frequently
3. By arranging the values in ascending order and selecting the middle one
4. By subtracting the smallest value from the largest value

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Entrance Exams

- Agricultural Entrance Exams
- Architecture Entrance Exam
- Arts and Humanities Entrance Exams
- Commerce Entrance Examinations
- Common Entrance Examinations
- Computer Application Entrance Exams
- Design Entrance Exams
- Education Entrance Exams
- Engineering Entrance Exams
- Hotel Management Entrance Exams
- Law Entrance Exams
- MBA Entrance Exams
- Media & Journalism Entrance Exams
- Medical Entrance Exams
- Nursing Entrance Exams
- Pharmacy Entrance Exams
- Science Entrance Exams
- Diploma & Polytechnic
- Lateral Entry