

PREVIEW QUESTION BANK

Module Name : ANIMAL SCIENCES-ENG
Exam Date : 14-Jul-2023 Batch : 10:00-12:00

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	3001	Find the correct answer from the following statements: Statement (I): Of the total households in the rural India, about 73% own livestock. Statement (II): Dairy farming and layer poultry farming are the sources of regular income due to daily production of sellable products. - Both Statement (I) and Statement (II) are correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
2	3002	Based on All India Livestock Survey 2012 & 2019 : Given below are two statements: Statement (I): There was about 12% increase of pigs in 2019 Statement (II): There was about 17% decrease of poultry in 2019 - Both Statement (I) and Statement (II) are correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
3	3003		4.0	1.00

Give the correct answer based on following statements:

Statement (I): . Pashmina fibre is produced from Changthangi breed from Laddakh, and Chegu goats from Himachal Pradesh and Uttarakhand states.

Statement (II): Angora rabbit fibre is produced in limited quantity in Himachal Pradesh, Uttarakhand and Jammu and Kashmir states, and is also spun with sheep wool in different grades for making quality garments.

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

4	3004	Who has made NBAGR, Karnal as 'Nodal Agency' in 2008 for the registration of new breeds of livestock and poultry species? 1. Animal Husbandry Commissioner of India 2. University Grants Commission 3. IVRI, Izatnagar 4. ICAR, New Delhi A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

5	3005	A commonly accepted standard or ideal that combines those characteristics essential in adapting an animal for a particular purpose is called as – 1. Strain 2. Type 3. Race 4. Conformation A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

6	3006	Find the correct answer based on following statements: Statement (I): Riverine buffaloes have 48 chromosomes, and these are distributed mostly as dairy breeds in India. Statement (II): Swamp buffaloes have 50 chromosomes, and these are distributed as Assamese and Manipuri breeds of North-East India. - Both Statement (I) and Statement (II) are correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

7	3007	Find the correct answer based on following statements: Statement (I): Development of a new breed 'Kashmir Merino' is a result of a large-scale introduction of 'Rambouillet' and 'Russian Merino' in Jammu and Kashmir over last 5 decades. Statement (II): Kashmir Merino has fine wool and is suitable under long migration. - Both Statement (I) and Statement (II) are correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

8	3008	Government Livestock Farm, Hisar developed 'Hisardale' breed of sheep by crossing Merino rams with ewes of which breed? - Chokla - Nali - Lohi - Munjal A1 : 1 A2 : 2	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

9	3009	What is referred-to for the 'good livestock management and general supervision of activities at the farm'? 1. Weeding 2. Seeding 3. Heeding 4. Sanitation A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

10	3010	How much maximum time a normal newly born calf takes to get up on his/ her legs? 1. 15 minutes approx. 2. 30 minutes approx 3. 45 minutes approx 4. 60 minutes approx A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

11	3011	What of the followings could be called as 'True growth' of calf when fed on milk? 1. 1 kg BW gain/ 1.09 kg DM of milk 2. 1 kg BW gain/ 1.39 kg DM of milk 3. 1 kg BW gain/ 1.59 kg DM of milk 4. 1 kg BW gain/ 1.79 kg DM of milk A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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		A4 : 4		
Objective Question				
12	3012	Find the correct answer based on following statements: Statement (I): On an average, the body weight of crossbred heifers at first service should be 300 to 350 kg. Statement (II): Attainment of proper body size and maturity is mainly controlled by nutritional regimen adopted. - Both Statement (I) and Statement (II) are correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
13	3013	Find the correct answer based on following statements: Statement (I): The heifer in heat will be awake and on feet quite ahead of other animals. Statement (II): Standing heat is the best sign of heat in buffaloes. - Both Statement (I) and Statement (II) are correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
14	3014	Find the correct answer based on following statements: Statement (I): Feeding in preparation to calving is called 'steaming-up'. Statement (II): 'Steaming-up' increases daily milk yield, lengthens lactation period and also increases butter fat percentage. - Both Statement (I) and Statement (II) are correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1	4.0	1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

15	3015	Which of the following statements is wrong/ irrelevant with respect to milking management of cows/ buffaloes? 1. Animals are creatures of habit, so stick on to the time of milking 2. Letting down of milk occurs within 1 minute 3. Milking should be completed within 5 to 7 minutes 4. One should offer husky feed at the time of milking A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

16	3016	Which of the followings is not a consequence of incomplete milking of cow during late lactation? 1. Cow may dry off soon 2. Lactation milk yield will be less 3. Udder infections may set in 4. Cow may abort the carrying foetus A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

17	3017	Which of the followings should not be the feature/ provision for setting the livestock farm? 1. Availability of cheap and ample water but not the telecommunication facilities 2. High levelled topography with no abrupt slope 3. Porous soil with a gentle slope 4. Ensuring shelter from strong winds A1 : 1 A2 : 2	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

18	3018	For Gir cows farm, what should be the optimum floor space requirement (covered and open area, respectively) per cow? 1. 1.5 m² and 5.0 m² 2. 3.5 m² and 7.0 m² 3. 5.5 m² and 9.0 m² 4. 7.5 m² and 9.0 m² A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

19	3019	How much air would be introduced by a practically calm wind through an inlet into a building? 1. 0.18 m³ air / cm² of inlet 2. 0.28 m³ air / cm² of inlet 3. 0.38 m³ air / cm² of inlet 4. 0.48 m³ air / cm² of inlet A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

20	3020	Find the correct answer based on the following statements: Statement (I): Light facilitates cleanliness since 'dirt unseen is dirt left undisturbed'. Statement (II): Light acts as material factor in the practice of hygiene but not a necessary pre-requisite for efficient management. 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	4.0	1.00
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		A3 : 3		
		A4 : 4		
Objective Question				
21	3021	Find the correct answer based on the following statements: Statement (I): In sheep and goats, 1-8 corpus luteum are formed following ovulation depending upon breed and plane of nutrition. Statement (II): In cows and buffaloes following ovulation, the corpus luteum attains maximum size on day 11-12 of the cycle. - Both Statement (I) and Statement (II) are correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
22	3022	Which of the followings is not an accessory sex gland in bull? - Preputial glands - Seminal vesicles - Prostate gland - Bulbo-urethral gland A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
23	3023	At what stage, dairy cattle attain puberty? - On attaining 25-30% of mature body weight - On attaining 35-45% of mature body weight - On attaining >50% of mature body weight - On attaining >65% of mature body weight A1 : 1 A2 : 2	4.0	1.00

A3 : 3

A4 : 4

Objective Question

24	3024	In cows, which phase of oestrus cycle is of shortest and of longest duration? 1. Oestrous and Dioestrus, respectively 2. Oestrous and Metestrus, respectively 3. Proestrus and Dioestrus, respectively 4. Proestrus and Metestrus, respectively A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

25	3025	When did Govt. of India launch 'Technology Mission on Dairy Development'? 1. 1986 2. 1988 3. 1990 4. 1992 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

26	3026	What is the correct decision in a hypothesis if the data produce a t-statistic that is in the critical region? 1. Reject H0 2. Fail to reject H0 3. Reject H1 4. Fail to reject H1 A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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		A4 : 4		
Objective Question				
27	3027	What effect would increasing the sample size have on a confidence interval? 1. The confidence interval would increase in size. 2. The confidence interval would decrease in size. 3. The confidence interval is unaffected by sample size. 4. The confidence interval would become zero. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
28	3028	Suppose, the correlation between height and weight is +0.80. What proportion of the variability in weight can be explained by the relationship with height? 1. 20% 2. 36% 3. 64% 4. 80% A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
29	3029	R^2 is the notation for 1. The coefficient of correlation 2. The coefficient of determination 3. The coefficient of variation 4. The coefficient of regression A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question

30	3030	In a linear regression equation of y on x, what does a slope of 2.5 indicate? 1. For every increase of 2.5 on the y-axis, there is an increase of 5.0 on the x-axis. 2. For every increase of 2.5 on the x-axis, there is an equivalent increase on the y-axis. 3. For every increase of 1.00 on the x-axis, there is an increase of 2.5 on the y-axis. 4. For every increase of 1.00 on the y-axis, there is an decrease of 2.5 on the x-axis. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

31	3031	Given below are two statements: Statement (I): As per the 20th Livestock Census, 36.04% of the livestock population in India belongs to cattle. Statement (II): As per the 20th Livestock Census, the Exotic and Crossbred animals contribute nearly 26.5% of the total Indian cattle population. In light of the above statements, choose the <i>most appropriate</i> 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	4.0	1.00
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Objective Question

32	3032	Given below are two statements: Statement (I): Punganur and Belahi have the lowest population among all the Indian cattle breeds according to Breed-wise report of Livestock and Poultry (based on 20th Livestock Census). Statement (II): According to Breed-wise report of Livestock and Poultry (based on 20th Livestock Census), Murrah and Surti have the highest population among all the Indian buffalo breeds. In light of the above statements, choose the <i>most appropriate</i> 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.	4.0	1.00
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		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

33	3033	Given below are two statements: Statement (I): As per 20th Livestock Census, 17.74% of the Indian livestock population is goats. Statement (II): Out of 148.88 million goats in India; 47.4% are pure bred, 9.1% are graded and 43.5% are non-descript (according to Breed-wise report of Livestock and Poultry based on 20th Livestock Census). 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 correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

34	3034	Given below are two statements: Statement (I): Per-capita availability of milk in India was 344 grams per day during 2021-22 (according to Basic Animal Husbandry Statistics 2022). Statement (II): Punjab had the highest per-capita availability of milk per day (during 2021-22) followed by Rajasthan, Haryana and Andhra Pradesh. 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 correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

35	3035	Given below are two statements: Statement (I): Total meat production in India was 9.29 million tonnes during 2021-22 (Basic Animal Husbandry Statistics 2022). Statement (II): According to Basic Animal Husbandry Statistics 2022; top 5 meat producing states are Maharashtra, Uttar Pradesh, West Bengal, Andhra Pradesh and Telangana. 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 correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

36	3036	Animals are selected for breeding on the basis of all of the following characteristics, except - Mammary system and udder - Ratio of yield to diet - Having long ears - Disease resistance A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

37	3037	The likelihood of an individual in a population carrying two specific alleles of a human DNA marker, each of which has a frequency of 0.2, will be 0.4 0.32 0.16 0.08 A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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A4 : 4

Objective Question

38 3038

4.0 1.00

Which of the followings is NOT involved in translation?

1. Amino acids
2. DNA
3. mRNA
4. rRNA

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

39 3039

4.0 1.00

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

List-I	List-II
Breed of Cattle	Place of Origin
(A). Tharparkar	(I). UP
(B). Bachaur	(II). MP
(C). Malvi	(III). Bihar
(D). Kherigarh	(IV). Rajasthan

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

40 3040

4.0 1.00

Suppose, a white-furred rabbit breed is crossed with a black-furred rabbit breed and produces gray fur offsprings. What does the gene for fur color in rabbits appear to be an example of?

1. Mosaicism
2. Codominance
3. Incomplete dominance
4. Complete dominance

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

41	3041	Given below are two statements: Statement (I): Genetic disorders are caused by mutations. Statement (II): Achondroplasia is the example of environmental defect in cattle. In light of the above statements, choose the <i>most appropriate</i> 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	4.0	1.00
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Objective Question

42	3042	If a man and a woman are heterozygous for a gene, and if they have three children, what is the chance that all three will also be heterozygous? 1. 1/8 2. 2/8 3. 3/8 4. 3/4 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

43 3043

4.0 1.00

If four calves are born on a given day. What is the chance that all four will be females?

1. $1/4$
2. $1/8$
3. $1/2$
4. $1/16$

A1 : 1

A2 : 2

A3 : 3

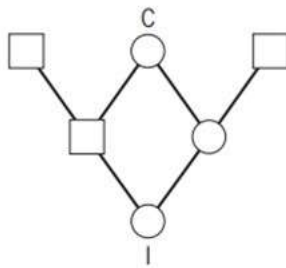
A4 : 4

Objective Question

44 3044

4.0 1.00

Suppose that the inbreeding coefficient of I in the following pedigree is 0.25:



What is the inbreeding coefficient of I's common ancestor, C?

1. 0.25
2. 0.50
3. 0.75
4. 1.00

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

45 3045

4.0 1.00

Given below are two statements:

Statement (I): *Drosophila* flies with 3X: 3A chromosomes are normal females.

Statement (II): *Drosophila* flies with 3X: 2A chromosomes are metafemales.

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

46	3046	Given below are two statements: Statement (I): DNA polymerase I is a single polypeptide of molecular weight 199,000. Statement (II): DNA polymerase III holoenzyme has a molecular mass of about 988,000 daltons. In light of the above statements, choose the <i>most appropriate</i> 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	4.0	1.00
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Objective Question

47	3047	Given below are two statements: Statement (I): STRs are polymorphic tandem repeats of sequences of only two to four nucleotide pairs. Statement (II): STRs are called microsatellites. In light of the above statements, choose the <i>most appropriate</i> 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	4.0	1.00
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A2 : 2

A3 : 3

A4 : 4

Objective Question

48	3048	Given below are two statements: Statement (I): Inbreeding coefficient through full sib mating reaches 0.986 after 10 generations. Statement (II): The coefficient of inbreeding was proposed by Sewell Wright. 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 correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

49	3049	A population is under Hardy Weinberg equilibrium. If the gene frequency of A1 allele in parents is 0.30, the frequency of A2A2 genotype in progeny will be 0.30 0.09 0.42 0.49 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

50	3050		4.0	1.00
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What will be the frequency of carriers in a population under Hardy Weinberg equilibrium with 0.50 recessive allele frequency?

1. 0.67
2. 0.57
3. 0.47
4. 0.37

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

51	3051	Given below are two statements: Statement (I): Weinberg W was an English mathematician. Statement (II): Hardy-Weinberg law was discovered in 1938. In light of the above statements, choose the <i>most appropriate</i> 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	4.0	1.00
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Objective Question

52	3052	Given below are two statements: Statement (I): Change of gene frequency in a population on immigration depends on immigration rate & difference of gene frequency between immigrants and natives. Statement (II): The total genetic variance increases with increase in the inbreeding level in a population. In light of the above statements, choose the <i>most appropriate</i> 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	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

53	3053	Given below are two statements: Statement (I): Best genotypes in one environment will be best in others, if there is no genotype x environment interaction. Statement (II): Genotype x environment interaction is not important for bull evaluation at different locations. 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 correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

54	3054	Given below are two statements: Statement (I): Heritability of body condition score in cattle is high. Statement (II): Progeny testing is most effective when the heritability of the trait is high. 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 correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

55	3055		4.0	1.00
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Given below are two statements:

Statement (I): Repeatability can be used for the prediction of future performance.

Statement (II): Repeated observations on a cow have greater advantage to estimate the most probable producing ability when repeatability is small.

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

56	3056	Read the following statements: (A). NDF represents hemicellulose, cellulose, and lignin content in forages. (B). ADF represents cellulose and lignin content in forages. (C). In forages, NDF content will be higher than ADF content. (D). In forages, ADF content will be higher than NDF content. Identify the correct statements and choose the correct answer from the options given below: 1. (A), (B) and (C) 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
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Objective Question

57	3057	Ruminant animal fed on hay diet only will have higher molar proportion of which of the following volatile fatty acids? 1. Butyric acid 2. Propionic acid 3. Valeric acid 4. Acetic acid	4.0	1.00
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A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

58 3058

4.0 1.00

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

List-I	List-II
(Protein type)	(Protein example)
(A). Fibrous protein	(I). Ribosome
(B). Globular protein	(II). Casein
(C). Phosphoprotein	(III). Albumin
(D). Nucleoprotein	(IV). Keratin

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

59 3059

4.0 1.00

Which among the followings is an example of omega six fatty acid?

1. Arachidonic acid
2. Oleic acid
3. α -Linolenic acid
4. Palmitoleic acid

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

60	3060	In energy partitioning, the net energy content of a feed is calculated by subtraction of which among the followings from the metabolizable energy content of that feed? 1. Heat increment 2. Urinary energy 3. Gaseous energy 4. Fecal energy A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

61	3061	Standardized ileal digestibility of amino acids is used for protein quality evaluation in which of the followings species? 1. Horse 2. Goat 3. Cattle 4. Pig A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	------	--	-----	------

Objective Question

62	3062	The requirement of which one of the following trace minerals is least in the diet of farm animals? 1. Selenium 2. Iron 3. Zinc 4. Copper A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

63	3063		4.0	1.00
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Deficiency of thiamin in chicken results in

1. Star grazing symptom
2. Encephalomalacia
3. Nutritional roup
4. Dermatitis

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

64 3064

Which among the followings is an example of a probiotic?

1. Bacteriocins
2. Fructooligosaccharides
3. *Lactobacillus acidophilus*
4. Monensin

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

65 3065

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

List-I	List-II
Unconventional feed ingredient	Anti-nutritional/deleterious factor
(A). Mahua seed cake	(I). Tannins
(B). Karanj seed cake	(II). Mowrin
(C). Tamarind seed hulls	(III). Ricin
(D). Castor beans	(IV). Karanjnin

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

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

A1 : 1

4.0

1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

66	3066	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A): Fodders rich in soluble carbohydrates are most suitable for ensiling. Reason (R): High butyric acid content in silage reduces its palatability. In light of the above statements, choose the <i>correct</i> answer from the options given below. - Both (A) and (R) are true and (R) is the correct explanation of (A). - Both (A) and (R) are true but (R) is NOT the correct explanation of (A). (A) is true but (R) is false. (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

67	3067	The dry matter requirement of a cow weighing 600 kg would be 10 kg 15 kg 20 kg 25 kg A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

68	3068		4.0	1.00
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(D). Corn grains

4. (C), (B), (D), (A).

A4 : 4

4.0	1.00
-----	------

4. Poultry

A4 : 4

4.0	1.00
-----	------

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

List-I	List-II
(Type of Immunoglobulin)	(Features)
(A). IgA	(I). Associated with inflammation and allergy
(B). IgG	(II). Major immunoglobulin of chicken
(C). IgY	(III). Present in external secretions and concerned with mucosal immunity
(D). IgE	(IV). Present in bovine colostrum and associated with secondary immune response

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

71 3071

4.0 1.00

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

List-I	List-II
(Physiological changes)	(Correct statement)
(A). Estivation	(I). Physiological changes with fluctuation in several environmental parameters
(B). Adaptation	(II). Physiological changes with fluctuation in single environmental variable
(C). Acclimation	(III). Innate characteristics that allow animal to survive in adverse environment
(D). Acclimatization	(IV). Seasonal abandonment of homeothermy

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

72	3072	Given below are two statements: Statement (I): During hypoxic environment, oxygen-hemoglobin dissociation curve is shifted to the right by 2,3-BPG. Statement (II): Carbondioxide is transported from blood to lung mostly as carbamino hemoglobin. 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 correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

73	3073	Wiggers diagram describes - Cardiac cycle - Spermatogenic cycle - Follicular wave - Buffer base vs base excess deviation A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

74	3074	Given below are two statements: Statement (I): In horses, there are two phases during inspiration and two phases during expiration. Statement (II): The effect of carbon-dioxide and hydrogen ions on the ability of hemoglobin to yield or receive oxygen is referred as Bohr Effect. 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 correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct.	4.0	1.00
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A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

75 3075

4.0

1.00

Myosin cross-bridge head detaches from actin active sites when the cross bridge head binds with

1. Creatine phosphate
2. A.T.P.
3. Calcium
4. Calmodulin

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

76 3076

4.0

1.00

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

List-I	List-II
(Type of Placenta)	(Species/Animal)
(A). Diffuse	(I). Cow and Sheep
(B). Zonary	(II). Pig and Mare
(C). Cotyledonary	(III). Monkey and Man
(D). Discoid	(IV). Dog and Cat

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

77	3077	In cloning through SCNT method 1. The sex of the offspring cannot be predetermined, male female progeny ratio will be equal. 2. The sex of the offspring depends on the sex of the donor animal from which somatic cell nucleus is selected. 3. It will be always a female progeny like dolly, the first cloned mammal. 4. The sex of the offspring depends on the sex differentiating factors supplied to the culture medium. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

78	3078		4.0	1.00												
Match List-I with List-II																
<table><tr><td>List-I</td><td>List-II</td></tr><tr><td>Behaviour/Responses</td><td>Species</td></tr><tr><td>A. Gular flutteing</td><td>I. Sheep</td></tr><tr><td>B. Brisket disease</td><td>II. Pig</td></tr><tr><td>C. Concaveation</td><td>III. Cattle</td></tr><tr><td>D. Rooting</td><td>IV. Birds</td></tr></table>		List-I	List-II	Behaviour/Responses	Species	A. Gular flutteing	I. Sheep	B. Brisket disease	II. Pig	C. Concaveation	III. Cattle	D. Rooting	IV. Birds			
List-I	List-II															
Behaviour/Responses	Species															
A. Gular flutteing	I. Sheep															
B. Brisket disease	II. Pig															
C. Concaveation	III. Cattle															
D. Rooting	IV. Birds															
Choose the correct answer from the options given below:																
1. (A) - (IV), (B) - (III), (C) - (II), (D) - (I)																
2. (A) - (II), (B) - (I), (C) - (III), (D) - (IV)																
3. (A) - (III), (B) - (II), (C) - (IV), (D) - (I)																
4. (A) - (IV), (B) - (III), (C) - (I), (D) - (II)																
A1 : 1																
A2 : 2																
A3 : 3																
A4 : 4																

Objective Question

79	3079		4.0	1.00
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Match List-I with List-II

List-I	List-II
Clotting Factors	Synonym
A. Factor IX	I. Hageman factor
B. Factor X	II. Stuart factor
C. Factor XI	III. Christmas factor
D. Factor XII	IV. Plasma thromboplastin antecedent

Choose the correct answer from the options given below:

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

80 3080

4.0 1.00

Statement (I): Two specific types of cardiac action potentials exist (fast response and slow response) in different regions of cardiac muscles.

Statement (II): Highest blood pressure is observed in veins, the capacitance vessel.

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

81 3081

4.0 1.00

The most stable component in milk in terms of its quantity is

1. Fat
2. Protein
3. Lactose
4. Solid-not-fat

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

82	3082	As per FSSAI, the percent fat and SNF content in toned milk should be 1. 4.5% & 8.7% 2. 3.0% & 8.5% 3. 1.5% & 9.0% 4. 3.0% & 9.0% A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

83	3083	Stable pink colour of cured and cooked meat products is due to: 1. Oxymyoglobin 2. Myoglobin 3. Nitrosohemochrome 4. Metmyoglobin A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	------	---	-----	------

Objective Question

84	3084		4.0	1.00
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Most abundant protein in egg is

1. Ovotransferrin
2. Ovomucoid
3. Ovalbumin
4. Ovomucin

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

85 3085

4.0 1.00

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

List-I	List-II
(Microbes)	(Type of spoilage in eggs)
(A). <i>Serratia marcescens</i>	(I). Green rot
(B). <i>Pseudomonas maltophilia</i>	(II). Black rot
(C). <i>Enterobacter spp</i>	(III). Red rot
(D). <i>Proteus spp.</i>	(IV). Custard rot

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

86 3086

4.0 1.00

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

List-I	List-II
Meat curing ingredients	Role in meat curing
(A). Sodium nitrate/nitrite	(I). Accelerate curing process
(B). Sodium ascorbate and erythorbate	(II). Colour fixation of meat pigments
(C). Monosodium glutamate	(III). Improves cooking yield
(D). Sodium tripolyphosphate	(IV). Flavour enhancer

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

87 3087

4.0

1.00

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

List-I	List-II
Primary byproducts	Secondary byproducts
(A). Calf stomach	(I). Heparin
(B). Lung	(II). Keratin
(C). Bones	(III). Rennin
(D). Horn	(IV). Gelatin

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

88	3088	Given below are two statements: Statement (I): Lactose is a disaccharide composed of D -glucose and D -galactose. Statement (II): The aldehyde group of galactose is linked to the C-2 group of glucose through a β -1, 2-glycosidic linkage. 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 correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	------	---	-----	------

Objective Question

89	3089	Given below are two statements: Statement (I): The skin from the older calf which has not yet reached maturity is called slunk. Statement (II): The kip is the term applied to the skin of an unborn calf. 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 correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

90	3090	Given below are two statements: Statement (I): During meat emulsion preparation, the myofibrillar proteins act as emulsifying agents. Statement (II): Addition of whole egg into meat emulsion has no role in improving the emulsifying capacity. 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 correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct.	4.0	1.00
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A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

91	3091	The number of registered native chicken breeds in India (August 2022) is? 1. 20 2. 18 3. 19 4. 21 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

92	3092	Crude protein content (%) in maize is 1. 10 2. 9 3. 8 4. 11 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

93	3093	Amount of feed (grams) that an adult layer hen consumes per day? 1. 150 2. 70 3. 110 4. 30 A1 : 1	4.0	1.00
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A2 : 2

A3 : 3

A4 : 4

Objective Question

94 3094

4.0

1.00

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

Assertion (A) : Physiological zero is the temperature at which the embryo is under suspended animation condition.

Reason (R) : Physiological zero for chicken egg is 75 °F.

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

95 3095

4.0

1.00

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

List-I (Young one)	List-II (Species)
(A). Keet	(I). Turkey
(B). Chick	(II). Guinea fowl
(C). Poult	(III). Quail
(D). Squab	(IV). Pigeon

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

96 3096

4.0

1.00

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

List-I (Clinical sign)	List-II (Disease)
(A). Coughing of blood	(I). Coccidiosis
(B). Bloody droppings	(II). Infectious laryngotracheitis
(C). Swelling of eyelids, comb and face	(III). Infectious coryza
(D). Proventricular hemorrhages	(IV). Newcastle disease

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

97 3097

4.0

1.00

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

Assertion (A) : Orientation of poultry house should be in East-West direction in tropical areas.

Reason (R) : East-West orientation avoids ingress of direct sunlight inside the shed.

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

98	3098	Which of the following statements are true: (A). A separate sire and dam line is required for the production of commercial chicken crosses. (B). The superiority of crosses over the average performance of their parent or over the better parent is called di-allele phenomenon. (C). In flock mating, one male is required to mate 10-12 and 8-10 females for egg and meat type birds respectively. (D). The ideal broiler possess a "V" shape body confirmation. Choose the correct answer from the options given below: 1. (A), (B) and (D) only. 2. (A) and (B) only. 3. (B), (C) and (D) only. 4. (A), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

99	3099	Given below are two statements: Statement (I): For laying birds, photoperiod duration should never be decreased than optimum. Statement (II): For growing birds, photoperiod duration should never be increased than optimum. In light of the above statements,choose the <i>most appropriate</i> 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	4.0	1.00
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Objective Question

100	3100		4.0	1.00
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Which of the following statements are true:

- (A). Position of waterers must always be higher than feeders.
- (B). Water space must be doubled during summer season.
- (C). Over hang extension is required for poultry house during rainy season.
- (D). Litter thickness in deep litter house should be increased during summer season.

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

101	3101	Which of the followings can not be used as a characteristics for differentiation of rural and urban communities? 1. Occupation 2. Type of family 3. Size of community 4. Religion A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

102	3102	The concept "changes in the frequency of social contacts, a shift from primary to secondary group relationship, informal personal to formal contractual relationship, cooperative to competitive form of relationship" is related to which of the followings: 1. Social changes 2. Structural changes 3. Functional changes 4. Cultural changes A1 : 1 A2 : 2	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

103	3103	Which of the following term, used in extension education denotes "guidelines, which are developed based on universal truth and their application facilitate the success of extension activities" ? 1. Philosophies 2. Principles 3. Objectives 4. Scope A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

104	3104	Which of the followings is the correct sequence of steps in extension teaching? 1. Desire, Interest, Action, Satisfaction, Attention and Conviction 2. Attention, Interest, Desire, Action, Satisfaction and Conviction 3. Conviction, Attention, Satisfaction, Action and Desire 4. Attention, Interest, Desire, Conviction, Action and Satisfaction A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

105	3105		4.0	1.00
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Which of the following statement/s is/are true with context to the livestock contribution in Indian economy:

- (A). The livestock sector alone contributes nearly 25.6% to total value of output in Agriculture, Fishing & Forestry sector.
- (B). The overall contribution of livestock sector to total GDP is nearly 4.11%.
- (C). The livestock sector alone contributes nearly 50 % to total value of output in Agriculture, Fishing & Forestry sector.
- (D). The overall contribution of livestock sector to total GDP is nearly 15.11%.

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

106 3106 4.0 1.00

Match the following sociology terms with their suitable explanation:

(Sociology term)	(Explanation)
(A). Folkways	(I). patterns of behavior, which are considered essential by the society
(B). Mores	(II). certain personal habits and patterns of behavior that require no social approval
(C). Ethos	(III). customary way of behaving in society wherein society exerts conformity
(D). Undefined acts	(IV). a term used to refer core of norms and values that characterizes a culture and gives a "feeling" or "tone"

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

107	3107	4.0	1.00
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Breed Development of Livestock and Poultry; Feed and Fodder Development; Innovation and Extension are the integral part of which of the following livestock development program:

1. National Livestock Mission
2. Gosadan
3. National Livestock Insurance Scheme
4. National Animal Diseases Control Programme

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

108 3108

4.0 1.00

Match the following statistical terms with the suitable explanation:

(Statistical term)	(Explanation)
(A). Mode	(I). just the 50 th percentile value below which 50% of the values in the sample fall
(B). Median	(II). value of a variable is compared with a constant quantity of another variable
(C). Geometric mean	(III). value around which the items tend to be most heavily concentrated
(D). Harmonic mean	(IV). averaging ratio & percentages and computing average rates of increase or decrease

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

109 3109

4.0 1.00

Match the following Statistical tools with their suitable explanation

(Statistical tool)	(suitable explanation)
(A). Correlation	(I). It establishes the nature of the relationship between variables to study the cause and effect relationship
(B). Student t-distribution	(II). It should not be used when N is less than 50
(C). ANOVA	(III). It helps in determining the degree of relationship between two or more variables
(D). χ^2 test	(IV). This is specifically used to test whether the means of more than two quantitative populations are equal
(E). Regression	(V). It is used when sample size is 30 or less

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

110 3110

4.0 1.00

Match the following livestock development programs with their objective/ purpose:

(Livestock development program)	(Objective/ purpose)
(A). Committee for Control and Supervision of Experiments on Animals (CCSEA)	(I). to support prevention and management of priority animal diseases, wider participation of the community in disease prevention and strengthening veterinary and diagnostic services in the States
(B). "A-HELP" (Accredited Agent for Health and Extension of Livestock Production)	(II). with 50% Central funding for upgrading the laboratory, veterinary hospital, infrastructure and work towards strengthening disease surveillance
(C). Livestock Health and Disease Control Programme (LHDCP)	(III). ensures that animals are not subjected to unnecessary pain or suffering before, during or after performance of experiments on them
(D). Animal Health Support System for One Health (AHSSOH)	(IV). Livestock Resource Persons and Primary Service Providers at village level

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

111	3111	The function which determines the future course of action is called 1. Organizing 2. Controlling 3. Planning 4. Directioning A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

112	3112	Who propounded Need Hierarchy Theory of motivation? 1. Mc Gregor 2. Maslow 3. Herzberg 4. Vroom A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

113	3113	What is leadership style called, which is based on consultations with his group? 1. Democratic style 2. Autocratic Style 3. Free-rein style 4. Paternalistic Style A1 : 1 A2 : 2	4.0	1.00
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		A3 : 3		
		A4 : 4		
Objective Question				
114	3114	The process of planning begins with which of the following step: 1. Forecasting and determining planning premises 2. Setting objectives 3. Setting policies 4. Developing alternative causes A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
115	3115	Given below are two statements: Statement (I): Modern theory of wages is based on demand of labor only. Statement (II): Magazine is not an accounting book. In light of the above statements, choose the <i>most appropriate</i> 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	4.0	1.00
Objective Question				
116	3116	Given below are two statements: Statement (I): Trade tax is not included in direct taxes. Statement (II): "Assets = Liabilities" is known as accounting equation. In light of the above statements,choose the <i>most appropriate</i> 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.	4.0	1.00

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

117 3117

4.0

1.00

Given below are two statements:

Statement (I): Law of diminishing returns is law of diminishing marginal productivity.

Statement (II): When the variable factor becomes more, it can lead to positive value of the marginal product.

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

118 3118

4.0

1.00

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

List-I	List-II
(Term)	(Interpretation)
(A). Journal	(I). The consumer reduces its consumption when its price falls and increases its consumption when its price rises
(B). Ledger	(II). As the price of a commodity rises, its supply extends and as the price falls, its supply contracts, with other things remaining the same
(C). Law of Supply	(III). The principal or chief book of account, also known as the final book of entry
(D). Giffen's Good	(IV). A book of account in which records of business transactions enter for the first time in a chronological order

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

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

119 3119

4.0 1.00

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

List-I	List-II
(Book)	(Author)
(A). Principles of Economics	(I). Prof Lionel Robbins
(B). The Nature and Significance of Economic Science	(II). Prof Alfred Marshall
(C). The Pure Theory of Capital	(III). John Maynard Keynes
(D). The General Theory of Employment, Interest and Money	(IV). F.A. Hayek

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

120	3120		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
(Term)	(Definition)
(A). Micro economics	(I). Economic behavior of a system as a whole ie decision making unit put together
(B). Macro economics	(II). It is the sources of revenue, taxation, expenditure, borrowing or debt etc.
(C). Public finance	(III). Study of how the produced goods and services move among people, market condition, price determination, trade, money, branding etc.
(D). Exchange	(IV). Economic behavior of any particular decision making unit

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4