

204/2014

1. A disease of dairy cattle where abortion is seen as the main symptom is :  
(A) Brucellosis (B) Tuberculosis  
(C) Anthrax (D) Hemorrhagic Septicemia
2. Very good silage should have pH ranging from :  
(A) 4.2 - 4.5 (B) 4.5 - 4.8 (C) 3.7 - 4.2 (D) 4.8 - 5.0
3. According to prevention of Food Adulteration Act (PFA), cow milk should contain not less than :  
(A) 8.5% SNF and 3.5% Milk fat (B) 7.5% SNF and 3.0% Milk fat  
(C) 6.5% SNF and 2.5% Milk fat (D) 9.5% SNF and 2.0% Milk fat
4. The correct method of milking dairy animals is :  
(A) Fisting (B) Knuckling  
(C) Full hand milking (D) Stripping
5. Colostrum is fed to a newborn calf at what percentage of its body weight ?  
(A) 5% (B) 10% (C) 15% (D) 20%
6. Hormone which helps in uterine inertia is :  
(A) Oxytocin (B) Oestrogen (C) FSH (D) Relaxin
7. Starch adulteration in milk can be detected by :  
(A) Alizarin test (B) COB test  
(C) Iodine test (D) Methylene Blue Reduction Test
8. Gestation period of cows in days is :  
(A) 285 (B) 365 (C) 350 (D) 210

9. The major hormone of pregnancy in cow is :  
(A) LH (B) FSH (C) Progesterone (D) Estradiol
10. Post parturient metabolic disease of lactating cow due to hypocalcemia is :  
(A) Ketosis (B) Grass tetany (C) Brucellosis (D) Milk fever
11. Ideal calving interval in crossbred cow is :  
(A) 10 months (B) 12 months (C) 8 months (D) 15 months
12. Which of the following animals has maximum fat content in milk ?  
(A) Elephant (B) Pig (C) Buffalo (D) Cow
13. True stomach of Ruminants is :  
(A) Rumen (B) Reticulum (C) Abomasum (D) Omasum
14. Standard fat % in toned and double toned milk is respectively :  
(A) 3.0 and 1.5 (B) 1.5 and 3.0 (C) 3.5 and 2.0 (D) 1.5 and 2.0
15. An Indian breed of Goat is :  
(A) Merino (B) Nubian (C) Boer (D) Beetal
16. Clean milk production requires hygiene of :  
(A) Animal and animal handlers (B) Environment  
(C) Equipments (D) All the above
17. Sickle shaped horn is characteristic of :  
(A) Mehsana (B) Surti (C) Niliravi (D) Nagpuri
18. Buffalo milk is more whitish because of :  
(A) More Calcium (B) No lactose (C) No carotene (D) More fat

19. Milk let down hormone is :  
(A) Adrenaline (B) Progesterone (C) Oxytocin (D) Thyroxine
20. Toxic substance in groundnut cake is :  
(A) Gossypol (B) HCN (C) Mimosine (D) Aflatoxin
21. A milch breed of cow is :  
(A) Kangayam (B) Jersey (C) Hallikar (D) Amrith Mahal
22. Pasteurization refers to the process of heating every particle of milk to at least :  
(A) 63°C for 30 min. (B) 93°C for 30 min.  
(C) 53°C for 50 min. (D) 100°C for 20 min.
23. Milk sugar is :  
(A) Sucrose (B) Lactose (C) Glucose (D) Maltose
24. Normal rectal temperature in cattle is :  
(A) 101.5° F (B) 98.0° F (C) 103.5° F (D) 105.1° F
25. Frozen semen is kept in :  
(A) dry CO<sub>2</sub> (B) Liquid Helium (C) Liquid Nitrogen (D) Ice
26. Ideal dry period in cow is :  
(A) 50 days (B) 60 days (C) 45 days (D) 90 days
27. Mating of distantly related animals is known as :  
(A) Inbreeding (B) Upgrading (C) Cross breeding (D) Progeny testing
28. Level of Oestrogen is maximum in :  
(A) Dioestrous (B) Metoestrous (C) Oestrous (D) Proestrous

29. Mehsana is a breed of :  
(A) Sheep                      (B) Goat                      (C) Pig                      (D) Buffalo
30. Time of ovulation in cow is :  
(A) 1 - 2 days before the end of estrous  
(B) 2 hours after the onset of estrous  
(C) 10 -15 hours after the end of estrous  
(D) 18 hours after the end of estrous
31. First secretion of mammary gland immediately after parturition is :  
(A) Meconium                      (B) Colostrum  
(C) Placenta                      (D) None of the above
32. Homogenization is the process of :  
(A) reducing fat content in milk  
(B) increasing the fat content in the milk  
(C) reducing the size of fat globules in milk  
(D) increasing the size of fat globules in milk
33. Period from conception to birth is known as :  
(A) Lactation period                      (B) Dry period  
(C) Gestation period                      (D) Inter calving period
34. Summer management of dairy cattle requires :  
(A) Plenty of drinking water  
(B) Shade plants around animal house  
(C) Sprinkling water over animal body  
(D) All the above
35. Total permanent teeth in cattle are :  
(A) 42                      (B) 32                      (C) 24                      (D) 38

36. Ketosis in Dairy cattle is due of deficiency of :  
(A) Calcium (B) Glucose (C) Sodium (D) Cobalt
37. Gir breed of cattle is originated from :  
(A) Haryana (B) Rajasthan (C) Gujarat (D) Karnataka
38. In cow, fertilization of ovum occurs in :  
(A) Uterus (B) Oviduct (C) Ovary (D) Cervix
39. A fermented milk product is :  
(A) Khoa (B) Yoghurt (C) Ice-cream (D) Condensed milk
40. The coiled tube that leads from testes to the Vas deferens in Bull is :  
(A) Scrotum (B) Fallopian tube (C) Epididymis (D) Ureter
41. Foremilk from udder contains :  
(A) More bacteria (B) Less bacteria  
(C) No bacteria (D) None of the above
42. The female reproductive organ in which eggs are formed and the hormones estrogen and progesterone are produced is :  
(A) Vagina (B) Uterus (C) Salpinx (D) Ovary
43. Adult female of sheep is :  
(A) Ewe (B) Mare (C) Doe (D) Ram
44. Length of estrous cycle in cow is :  
(A) 15 days (B) 60 days (C) 28 days (D) 21 days

45. Rumination is not found in :  
(A) Cow (B) Pig (C) Sheep (D) Goat
46. Kidding is an act of parturition in :  
(A) Horse (B) Buffalo (C) Goat (D) Sheep
47. Interval between one heat period to the next is known as :  
(A) Lactation period (B) Mating period  
(C) Intercalving period (D) Estrous cycle
48. Most Suitable farming system in India is :  
(A) Livestock (B) Agriculture (C) Pisciculture (D) Mixed farming
49. Age of dehorning in calf is :  
(A) 10 days (B) 20 days (C) 25 days (D) 56 days
50. The disease that is transmitted to human beings from cows by drinking raw milk is :  
(A) Tuberculosis (B) Rinderpest (C) Tetanus (D) Dermatitis
51. Crude fiber is above 18% in :  
(A) Groundnut cake (B) Cotton seed cake  
(C) Gingelly oil cake (D) Napier
52. Milk is deficient in :  
(A) Copper (B) Vitamin C (C) Iron (D) All the above
53. Which among the following is an indigenous cow breed of Kerala ?  
(A) Malabari (B) Malanad Gidda (C) Vechur (D) Kangayam

54. Casting of cow is done by :  
(A) Reuff's Method (B) Alternative Method  
(C) Both (A) and (B) (D) None of the above
55. Main gas evolved in biogas units is :  
(A) Oxygen (B) Carbon monoxide (C) Hydrogen (D) Methane
56. The correct sequence of events in a cow's oestrus cycle is :  
(A) Pro-oestrous, oestrus, metoestrous, dioestrus  
(B) Oestrus, pro-oestrous, metoestrous, dioestrus  
(C) Dioestrus, oestrus, metoestrous, pro-oestrous  
(D) Pro-oestrous, oestrus, dioestrus, metoestrous
57. Angora is a breed of :  
(A) Sheep (B) Poultry (C) Pig (D) Goat
58. The hormone secreted by corpus luteum is :  
(A) Testosterone (B) LH (C) FSH (D) Progesterone
59. Green succulent fodder can be properly stored by means of making :  
(A) Silage (B) Hay (C) Straw (D) Pellets
60. A method of identification of young calves is :  
(A) Weaning (B) Notching (C) Castration (D) Ear tagging
61. The causative agent of foot and mouth disease of cattle is :  
(A) Bacteria (B) Virus (C) Fungus (D) None of the above
62. Increased performance of crossbred animals compared to the average of the parental breeds :  
(A) Progeny (B) Heterosis (C) Upgrading (D) Dystocia

63. Volatile fatty acids produced in ruminants by rumen fermentation are :
- (A) Acetic acid, propionic acid, butyric acid
  - (B) Acetic acid, propionic acid, formic acid
  - (C) Acetic acid, butyric acid, hydrochloric acid
  - (D) Acetic acid, propionic acid, hydrochloric acid
64. Density of milk is measured by :
- (A) Lactometer
  - (B) Thermometer
  - (C) Hygrometer
  - (D) Calorimeter
65. Operation Flood Programme has been related to :
- (A) Egg
  - (B) Milk
  - (C) Meat
  - (D) Oil
66. Number of offspring from genetically superior cows can be increased by :
- (A) Superovulation
  - (B) Estrus synchronization
  - (C) Artificial insemination
  - (D) All the above
67. Vitamin which is essential for the development of teeth and bones is :
- (A) Vitamin B
  - (B) Vitamin C
  - (C) Vitamin A
  - (D) Vitamin D
68. Egg - Yolk Citrate (EYC) is used as :
- (A) Milk replacer
  - (B) Semen diluent
  - (C) Antibiotic
  - (D) Mineral mixture
69. An indigenous nutritious frozen milk product is :
- (A) Panner
  - (B) Kulfi
  - (C) Curd
  - (D) Khoa
70. The heat symptoms shown by cow is :
- (A) Restlessness
  - (B) Mounting instinct
  - (C) Vaginal discharge
  - (D) All the above



71. Destruction of all pathogenic and non - pathogenic organisms of dairy equipments is :  
(A) Pasteurization (B) Sanitization (C) Immunization (D) Standardization
72. Complete or total failure of reproductive ability in a cow is known as :  
(A) Sterility (B) Infertility  
(C) Repeat breeder (D) None of the above
73. Milk fat percentage of Holstein - Friesian is :  
(A) 4.5 (B) 5.0 (C) 2.5 (D) 3.5
74. Retention of placenta occurs in cows following calving if the placenta are not expelled :  
(A) Within 8 to 12 hours (B) Within 24 to 36 hours  
(C) Within 48 hours (D) None of the above
75. Freezing point of cow's milk in degree Celsius is :  
(A) -0.55 (B) -0.45 (C) 0.55 (D) 0.51
76. The longest period in estrus cycle of cow is :  
(A) Metestrus (B) Diestrus (C) Estrus (D) Proestrus
77. In Embryo Transfer Technology (ETT), following is used for synchronization of estrus.  
(A) Prostaglandins (B) Progesterone  
(C) Both of the above (D) None of the above
78. During artificial insemination of cow, semen is deposited at :  
(A) Mid cervix (B) Uterus (C) Fallopian tube (D) Ovary
79. Largest milk producing country in the world is :  
(A) China (B) India (C) Australia (D) Srilanka

80. The slope that should be provided in cow shed is :  
(A) 1 : 40                      (B) 1 : 50                      (C) 1 : 30                      (D) 1 : 10
81. Who introduced Human Development Index (HDI) ?  
(A) Dadabhai Naoroji                      (B) Dr. Amartya Sen  
(C) Mahalanobis                      (D) Mahaboob -ul - Haq
82. Birth place of Ayyarkali was :  
(A) Venganur                      (B) Chempazhanthi (C) Varkala                      (D) Sivagiri
83. Our National Animal is :  
(A) Lion                      (B) Tiger                      (C) Elephant                      (D) Cheetah
84. 'Wagon Tragedy', The tragic episode was associated with :  
(A) 1857 Revolt                      (B) Battle of plassey  
(C) Malabar Rebellion                      (D) Payyanoor Sathyagraha
85. Number of players in Volleyball is :  
(A) 6 on each side                      (B) 5 on each side                      (C) 9 on each side                      (D) 11 on each side
86. Battle of Plassey was held in :  
(A) November 26, 1757                      (B) June 23, 1757  
(C) October 26, 1757                      (D) October 23, 1757
87. Sahodara Sangham was founded at Cherai in 1917 by :  
(A) T. K. Madhavan                      (B) C.V. Kunjiraman  
(C) C. Kesavan                      (D) K. Ayyappan
88. National Sports Day is celebrated on the birthday of :  
(A) Sachin Tendulkar                      (B) Gopichand  
(C) Dhyanchand                      (D) Milkha Singh

89. Constitution of India came into force on :  
(A) November 26, 1949 (B) July 22, 1947  
(C) January 26, 1950 (D) January 24, 1950
90. 1924 in Kerala's history was marked with :  
(A) Vaikom Sathyagraha (B) Guruvayoor Sathyagraha  
(C) Malayali Memorial (D) Ezhava Memorial
91. World Environment day is celebrated on :  
(A) July 5 (B) August 20 (C) December 10 (D) January 5
92. National flower of Japan is :  
(A) Narsissas (B) Chrysanthemum  
(C) Maple leaf (D) Rose
93. The line of demarcation between India and China is :  
(A) Durand line (B) Mc. Mohan line (C) Radcliff line (D) Maginot line
94. Martyr of 1857 Revolt was :  
(A) Jhansi Rani (B) Tantya (C) Nana Saheb (D) Mangal Pandey
95. Temple Entry Proclamation of Sri Chithirithimul Balarend Varma was hailed as "a miracle of modern times" by :  
(A) Mahatma Gandhi (B) Jawaharlal Nehru  
(C) Sardar Patel (D) C. Rajagopalachari
96. Largest fresh water lake in the world is :  
(A) Lake Baikal (B) Titicaca (C) Lake Superior (D) Lake Van

97. Classical Dance Yakshaganam belongs to the state of :
- (A) Karnataka (B) Kerala  
(C) Unified Andhra Pradesh (D) Madhya pradesh
98. The place where Dr. B R Ambedkar rests :
- (A) Ektasthal (B) Abhayaghat  
(C) Chaithra bhoomi (D) Nigam bodhghat
99. The biggest Union Territory in India is :
- (A) Lakshadweep (B) Daman  
(C) hon (D) Andaman and Nicobar islands
100. 29<sup>th</sup> state of India is :
- (A) Uttaranchal (B) Telangana (C) Vananchal (D) Hyderabad

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