

173/2014

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. Who is the lieutenant governor of Punjab at the time of Jallianwalla Bagh massacre?
(A) Michael O Dwyer (B) William Logan
(C) Lord Cornwallis (D) Warren Hastings
2. Who invented the word "Pakistan" in 1933?
(A) Sir Sayyed Ahammed khan (B) Moulana Mohammed Ali
(C) Choudhari Rehmat Ali (D) Abul kalam Azad
3. Who is the leader of Telengana revolt which began in 1946 and lasted for five years?
(A) K. Kelappan (B) P. Sundarayya
(C) Keshav Chandrasen (D) Veeresa Lingam
4. The book has rightly been called the "Bible of Modern Bengalee Patriotism":
(A) Amrita Bazar Patrika (B) Neel Darpan
(C) Anand Math (D) The Bengalee
5. The Viceroy who revoked the partition of Bengal in 1911?
(A) Lord Curzon (B) Lord Hardinge
(C) Robert Clive (D) Lord Rippon
6. Who is the leader of the Moderate group of Indian national Congress?
(A) Bala Gangadhar Tilak (B) Bipin Chandra pal
(C) Gopala Krishna Gokhale (D) Lala Lajpat Rai
7. The British Prime Minister who announced the Communal Award in 1932?
(A) Winston Churchill (B) Clement Atlee
(C) David Camoron (D) Mac Donald

8. Which is the first revolutionary act of Hindustan Socialist Republican Association?
- (A) The murder of Saunders ,Asst Supt of Police ,Lahore
 (B) Throwing of Bomb into Central legislative Assembly
 (C) Murder of H.V. Connolly in 1855
 (D) Mutiny at Delhi against British Authority
9. Which is the major incident in connection with the Quit India Movement?
- (A) Kizhariyur bomb case (B) Trial of INA officers
 (C) Kakori conspiracy case (D) Royal Indian Navy revolt
10. In which year All India Trade Union Congress was formed in Bombay?
- (A) 1919 (B) 1918
 (C) 1921 (D) 1920
11. The Head quarters of the Cheras, the earliest rulers of Kerala :
- (A) Madurai (B) Tiruvanchikkulam
 (C) Uraiyoor (D) Ezimala
12. The first meeting of "Arya Vaidya Samajam" was held in:
- (A) Kozhikkode (B) Ernakulam
 (C) Kottakkal (D) Thiruvananthapuram
13. Who is the first people representative in parliament from Malabar?
- (A) E. Moidu Moulavi (B) K. Kelappan
 (C) E.K. Nayanar (D) A.K. Gopalan
14. The Dutch captain who was later made the "Valia kappithan" of Marthanda Varmas army?
- (A) D. Lannoy (B) Van Goens
 (C) Vandor Meyden (D) Visscher
15. The philosopher, Who was known as Praschanna Buddha or disguised Budhist?
- (A) Vaikunta swamikal (B) Menander
 (C) Sankaracharya (D) Ramanuja

16. The work in which the story of Cheraman perumal Nayanar is narrated by Sekkilar?
- (A) Tholkappiyam (B) Periya Puranam
(C) Thirukkural (D) Manimekhalai
17. Who is known as "the father of Modern Kerala Renaissance"?
- (A) Raja Ram Mohan Roy (B) Brahmananda sivayogi
(C) Swami Vagbhatananda (D) Sri Narayana Guru
18. Sri chithira thirunal Bala Rama varma, the maharaja of Travancore issued his famous Temple entry proclamation in:
- (A) 1932 (B) 1929
(C) 1936 (D) 1942
19. Who is the author of the book "Onnekal kodi Malayalikal"?
- (A) K. Karunakaran (B) E.M.S Namboodiripad
(C) Achutha Menon (D) M.T. Vasudevan Nair
20. The Governor General who introduced subsidiary alliance in India?
- (A) Lord Wellesley (B) Lord Irwin
(C) Lord Linlithgo (D) Lord Wavell
21. Among the following elements given, which is the highest component by mass of human body?
- (A) Oxygen (B) Hydrogen
(C) Carbon (D) Nitrogen
22. Parallel venation in leaves is a characteristic feature of :
- (A) Dicotyledons plants (B) Monocotyledons plants
(C) Gymnosperms (D) Algae
23. The chromosome number of dog is :
- (A) 46 (B) 42
(C) 78 (D) 48
24. Which among the following nitrogen base is only found in RNA's :
- (A) Adenine (B) Thymine
(C) Cytosine (D) Uracil

25. "Book lungs" are the breathing organs of :
- (A) spider (B) cockroach
(C) frog (D) fish
26. The cell organelle which is only found in plant cells is :
- (A) Mitochondria (B) Chloroplast
(C) Golgi bodies (D) Lysosomes
27. Which among the followings came in the second trophic level of food chain?
- (A) producers (B) secondary consumers
(C) primary consumers (D) decomposers
28. A chromosomal disorder among the followings is :
- (A) sickle cell anaemia (B) phenyl ketonuria
(C) haemophilia (D) down's syndrome
29. Which of the followings is not an example for root modification?
- (A) potato (B) sweet potato
(C) carrot (D) turnip
30. A phagocytic leucocyte among the followings is :
- (A) Basophil (B) Monocyte
(C) Eosinophil (D) Lymphocyte
31. "Broca's area" in brain is associated with :
- (A) vision (B) taste
(C) speech (D) smell
32. Which among the following animals cannot be described as a true amphibian?
- (A) frog (B) salamander
(C) toad (D) tortoise
33. A living mechanical tissue in plants is :
- (A) collenchyma (B) parenchyma
(C) sclerenchyma (D) chlorenchyma

34. "Erythroblastosis foetalis" is a condition occurred when :
- (A) The Rh factor of mother's blood is +ive and that of father is -ive
 - (B) The Rh factor of father's blood is +ive and that of mother's is -ive
 - (C) The Rh factors of both mother and father are +ive
 - (D) The Rh factors of both mother and father are -ive
35. The smallest bone in human body is found in :
- (A) nose
 - (B) small finger
 - (C) ear
 - (D) thigh(leg)
36. A disease caused due to bacteria among the following is :
- (A) dengue fever
 - (B) small pox
 - (C) malaria
 - (D) leptospirosis
37. "Acromegaly" is a condition happened due to the imbalance of hormone :
- (A) somatotropin
 - (B) thyroxine
 - (C) insulin
 - (D) adrenaline
38. The vitamin essential for night vision :
- (A) vitamin K
 - (B) vitamin A
 - (C) vitamin E
 - (D) vitamin C
39. The reproductive method in which both male and female gametes are similar in all respect is known as :
- (A) Oogamy
 - (B) Anisogamy
 - (C) Isogamy
 - (D) None of these
40. The hormone used as an anti inflammatory medicine in the treatment of allergic diseases is :
- (A) Insulin
 - (B) Thyroxine
 - (C) Testosterone
 - (D) Cortisol
41. The breeding tract of _____ breed is montgomery district of Pakistan.
- (A) Gir
 - (B) Sahiwal
 - (C) Sindhi
 - (D) Tharparkar

42. _____ is not a part of the female reproductive system.
- (A) vas deferens (B) cervix
(C) oviduct (D) vulva
43. In cow ovulation occurs during :
- (A) pro-oestrus (B) diestrus
(C) beginning of Oestrus (D) 12 hours after the end of Oestrus
44. Fertilisation of ova takes place in the :
- (A) oviduct (B) uterus
(C) vagina (D) ovary
45. The percentage of protein in milk is :
- (A) 20 (B) 4.8
(C) 3.5 (D) 0.5
46. _____ is caused by impaired metabolism of carbohydrate and volatile fatty acids.
- (A) Ketosis (B) Milk fever
(C) Black quarter (D) Rinderpest
47. _____ is a heat-acid coagulated product made from milk.
- (A) ghee (B) khoa
(C) paneer (D) gulab jamun
48. Milk "Let down" occurs by the action of _____ hormone.
- (A) adrenalin (B) oxytocin
(C) oestrogen (D) all the above
49. Fodder best suited in water logged area :
- (A) Guinea (B) Napier
(C) Hybrid Napier (D) Paragrass
50. Feedstuff having the lowest amount of protein and highest amount of crude fibre :
- (A) silage (B) straw
(C) hay (D) legume

51. _____ is a fermented product, and is a conserved fodder.
- (A) silage (B) straw
(C) hay (D) concentrate
52. Phosphorus content is high in :
- (A) Tapioca (B) Tamarind
(C) Rice bran (D) Rubber seed
53. Which compartment of stomach produces gastric juice :
- (A) rumen (B) reticulum
(C) omasum (D) abomasum
54. Mammary glands are specialised _____ in female mammals.
- (A) endocrine glands (B) exocrine glands
(C) exocrine and endocrine glands (D) none of the above
55. Between milking milk is stored in the :
- (A) milk cavities (B) tubules
(C) small ducts (D) all the above
56. _____ compartment of stomach hold foreign material that may cause serious damage to other organs.
- (A) rumen (B) reticulum
(C) omasum (D) abomasum
57. The vitamins involved in reproduction in cattle are :
- (A) A and B (B) A and C
(C) A and D (D) A and K
58. Symptoms like high fever, stringy salivation, formation of vesicles on the tongue, gums and interdental space are early signs of :
- (A) Milk fever (B) Brucellosis
(C) Haemorrhagic Septicaemia (D) Foot and Mouth disease

59. Fat percentage of milk is lowest for _____ breed.
- (A) Holstein Friesian (B) Jersey
(C) Sindhi (D) Tharparkar
60. The fat percentage of colostrum is _____ compared to that of milk.
- (A) low (B) same
(C) high (D) twice
61. Mammary gland is made up of secretory cells called :
- (A) udder (B) alveoli
(C) islets (D) cisterns
62. _____ is a method by which testes are removed.
- (A) Caesarean (B) Tattooing
(C) Debudding (D) Castratin
63. Identification of animals are done by :
- (A) tagging (B) branding
(C) tattooing (D) all the above
64. Spermiogenesis is completed in the :
- (A) Seminiferous tubules (B) Vas deferens
(C) Epididymis (D) Penis
65. _____ is a legume fodder rich in protein and calcium:
- (A) Cow-pea (B) Paragrass
(C) Guinea (D) Napier
66. Capacitation of sperms take place in the :
- (A) epididymis (B) penis
(C) uterine tract (D) seminiferous tubules
67. The normal body temperature of cattle is :
- (A) $101.6 \pm 1^{\circ}\text{F}$ (B) $105.6 \pm 1^{\circ}\text{F}$
(C) $98.4 \pm 1^{\circ}\text{F}$ (D) $103 \pm 1^{\circ}\text{F}$

68. Preserved forage in succulent form :
- (A) straw (B) hay
(C) silage (D) all the above
69. Kerala veterinary and animal sciences university is located at :
- (A) Wayanad (B) Trissur
(C) Thiruvananthapuram (D) Ernakulam
70. Gestational period of goat is :
- (A) 4 months (B) 5 months
(C) 9 months (D) 6 months
71. Animal Birth Control Programme is for :
- (A) Control of stray dogs (B) To prevent cruelty to animals
(C) Control of rabies (D) All the above
72. Central Hatchery of Animal Husbandry Department is located at :
- (A) Mannuthy (B) Chengannur
(C) Malampuzha (D) kudapana kunnu
73. The average length of Oestrus cycle in cows is :
- (A) 10-12 days (B) 18-21 days
(C) 28-30 days (D) 25-28 days
74. Milk fever is caused by :
- (A) virus (B) fungi
(C) bacteria (D) deficiency of calcium
75. Foot and Mouth disease is caused by :
- (A) virus (B) bacteria
(C) fungus (D) deficiency of calcium
76. Origin of Jersey cows :
- (A) Ayrland (B) Channel Islands
(C) Holland (D) Germany

77. The hatching period of duck egg is _____ days.
(A) 28 (B) 21
(C) 32 (D) 20
78. Specimen to be sent for confirmation of rabies :
(A) heart (B) liver
(C) brain (D) lungs
79. Which of the following is a zoonotic disease :
(A) Leptospirosis (B) Mastitis
(C) Rinderpest (D) Foot and Mouth disease
80. Gestation period of buffaloes is :
(A) 9 months, 9 days (B) 10 months, 10 days
(C) 11 months, 11 days (D) 1 year
81. A buffalo breed from Maharashtra :
(A) Surti (B) Murrah
(C) Pandarpuri (D) Nili-Ravi
82. The soft green pellets produced in the caecum of rabbits which have high nitrogen content and B-complex :
(A) Cecotrophs (B) Monotrophs
(C) Heterotrophs (D) Homotrophs
83. Good quality hay is produced without much :
(A) bleaching (B) leaching
(C) shattering of leaves (D) all the above
84. _____ is a cereal fodder good for hay making.
(A) Maize (B) Oats
(C) Napier (D) Jowar
85. The highest milk fat percentage is for _____ buffalo.
(A) Murrah (B) Surti
(C) Bhadawari (D) Nagpuri

86. Toda Buffalo belongs to :
- (A) Nilgiris (B) Delhi
(C) Gujarat (D) Madhya Pradesh
87. Hybrid Napier is a cross between :
- (A) Napier and Guinea (B) Elephant grass and Bajra
(C) Paragrass and Buffel grass (D) Napier and Maize
88. Young one of a rabbit is called is :
- (A) kitten (B) kid
(C) kit (D) foal
89. Coccidiosis is caused by :
- (A) bacteria (B) protozoa
(C) virus (D) fungus
90. Act of parturition in pigs :
- (A) farrowing (B) kindling
(C) calving (D) foaling
91. Largest goat breed of India :
- (A) Malabari (B) Jamunapari
(C) Boer (D) Chegu
92. Pseudopregnancy is a phenomenon seen in :
- (A) dog (B) cat
(C) cow (D) elephant
93. Pain induced ovulation occurs in :
- (A) dog (B) cat
(C) cow (D) goat

94. Young goats may be given whole milk at the rate of _____ of their body weight for the first 30 days.

(A) $\frac{1}{10}$

(B) $\frac{1}{15}$

(C) $\frac{1}{6}$

(D) $\frac{1}{20}$

95. The hand milking practice injurious to the teat is :

(A) full hand milking

(B) knuckling

(C) stripping

(D) fisting

96. Calf starter should not contain :

(A) maize

(B) coconut cake

(C) fish meal

(D) urea

97. Toxic principle present in Tapioca leaf :

(A) Mimosine

(B) Strychnine

(C) Hydrocyanic acid

(D) Atropine

98. _____ is called "king of fodders":

(A) Lucerne

(B) Berseem

(C) Hybrid Napier

(D) Subabool

99. Quails reach sexual maturity when they are around _____ weeks of age.

(A) six

(B) twelve

(C) sixteen

(D) twenty

100. 'Night blindness' is caused by :

(A) Vitamin D deficiency

(B) Vitamin K deficiency

(C) Vitamin A deficiency

(D) Vitamin C deficiency