

**IX M.Sc. (Wildlife Science) National Entrance Test
20 April 2003**

SECTION III : OPTIONAL SUBJECT - VETERINARY SCIENCE

Max. Marks:30

1. If there is renal failure, by and large one has to prescribe antibiotics very cautiously. In imminent renal failure, following antibiotics are relatively safe for infections other than nephritis
 - A. Ampicillin
 - B. Cephalosporins
 - C. Sulphonamides
 - D. Amphotericin B ()

2. Following antibiotic is avoided in felines
 - A. Gentamicin
 - B. Chloramphenicol
 - C. Ampicillin
 - D. Cephalexin ()

3. Babesiosis can be directly associated with following term(s)
 - A. A protozoan disease
 - B. Tick-borne disease
 - C. Important disease in domestic and wild animals of tropics
 - D. All of the above ()

4. Rickets is
 - A. A mineral deficiency disease
 - B. Seen mostly in young animals
 - C. Can also occur in captive cubs
 - D. All of the above ()

5. Blue tongue disease has been reported in wild animals too. It is
 - A. Infectious
 - B. Contagious
 - C. Non-contagious & non-infectious
 - D. All of the above ()

6. Highest absorption of immunoglobulins by calf from colostrum
- A. is 6 to 8 hours after birth
 - B. is 12 to 24 hours after birth
 - C. is 20 to 24 hours after birth
 - D. after a day to 3 days ()
7. Enteritis in monogastric animals results in
- A. Dehydration alone, that is, only water loss
 - B. Dehydration with loss of bicarbonate ions
 - C. Dehydration with significant loss of chloride ions
 - D. Dehydration with loss of sodium and chloride ()
8. The constituent of a urolith in bovine is mostly
- A. Dependent on feeding in stall fed, soil constituents in pasture fed animals
 - B. Salts of calcium
 - C. Salts of ammonium
 - D. Salts of oxalates ()
9. Characteristic blood & urine anylate feature in bovine ketosis is
- A. Hyperglycaemia alone
 - B. Hypoglycaemia alone
 - C. Ketonurea alone
 - D. Hyperglycaemia and ketonurea ()
10. Parvovirus causes feline distemper, and the disease is also known as
- A. Feline panleukopenia
 - B. Feline infectious enteritis
 - C. Feline agranulocytosis
 - D. All of the above ()
11. Necropsy is avoided, immediate cremation or deep burial and strict aseptic precautions to be adopted by handlers, is recommended in
- A. Rabies
 - B. Leptospirosis
 - C. Bovine tuberculosis
 - D. Anthrax ()
12. What is prophylactic dose of tetanus antitoxin in an adult horse?
- A. 10 lakh (lac) international units
 - B. 3 lakh (lac) international units
 - C. 3,000 to 5,000 international units
 - D. None of the above ()

13. Which of the following antibiotics suppress the bone marrow?
A. Penicillin
B. Tetracycline
C. Chloramphenicol
D. Ampicillin []
14. Antibiotic therapy that suppress bone marrow should also receive
A. Corticosteroids
B. Iron supplementation
C. Vitamin-B Complex
D. Nervine tonics []
15. Most commonly used local anaesthetic at present in India is (are)
A. Lignocaine hydrochloride
B. Procaine hydrochloride
C. Bupivaccine hydrochloride
D. All of the above []
16. The most critical temperature that a cell must survive during the process of freezing and thawing is between
A. 4 to 15° C
B. 15 to 35° C
C. 15 to -60° C
D. -60 to -79° C []
17. Corpus luteum of oestrous cycle is known as
A. Corpus luteum spurium
B. Corpus albicans
C. Corpus luteum verum
D. All of the above []
18. Catgut as suture material is obtained from gut of
A. Dogs
B. Cats
C. Cattle
D. Man []

19. Necrosis and gangrene of muscles occurs in
- A. Myositis
 - B. Muscular dystrophy
 - C. Both of above
 - D. None of the above []
20. Anticoagulant of choice for most toxicological analysis is
- A. Sodium citrate
 - B. Heparin
 - C. Potassium EDTA
 - D. Potassium Oxalate []
21. Total number of bones in a cow are
- A. 405
 - B. 305
 - C. 205
 - D. 105 []
22. Neison-Somogyi method is used for estimation of the following in serum
- A. Glucose
 - B. Inorganic phosphorus
 - C. Magnesium
 - D. Cholesterol []
23. Inactivation of bacterial suspension in Black Quarter vaccine is done employing
- A. Formalin
 - B. Aluminium hydroxide
 - C. Glycerinated saline
 - D. None of the above []
24. Caslicks operation is performed for
- A. Guttural pouch infection
 - B. Pneumovaginitis
 - C. Cropping of ear
 - D. Atresia ani []

25. The permissible level of acid insoluble ash in any feed should not be higher than
- A. 2.5%
 - B. 3.5%
 - C. 4.0%
 - D. 1.0%
- []
26. Ideal floor space required for a broiler chicken rearing in deep litter system is
- A. 1 sq feet
 - B. 2 sq feet
 - C. 2.5 sq feet
 - D. 3 sq feet
- []
27. Which hormone is not produced by anterior lobe of pituitary?
- A. Prolactin
 - B. Somatotropin
 - C. Thyrotropic hormone
 - D. Vasopressin
- []
28. What type of joint is the most numerous and most complex in the body?
- A. Condyloid
 - B. Synarthroses
 - C. Amphiarthroses
 - D. Diarthroses
- []
29. Standard holding temperature and time for sterilisation of glassware in hot air oven is
- A. 160°C for 30 min
 - B. 160°C for 60 min
 - C. 180°C for 10 min
 - D. 200°C for 2 hrs
- []
30. Albendazole belongs to
- A. Benzimidazole group
 - B. Imidazothiazoles
 - C. Tetra hydroypyrimidine group
 - D. None of the above
- []
