

**Domain Knowledge Test for recruitment of Assistant Professor in DUVASU, Mathura**

**Subject: Veterinary Medicine**

- 1. The first modern veterinary school of the world at Lyons was established in the year**
  - a) 1710
  - b) 1714
  - c) 1762
  - d) 1862
- 2. Egyptian mythology attributed the origin of medicine to**
  - a) Apollo
  - b) Imhotep
  - c) Brahma
  - d) Aristotle
- 3. Hindu mythology attributed the origin of medicine in ..... veda**
  - a) Rig veda
  - b) Yajur veda
  - c) Sama veda
  - d) Atharva veda
- 4. The cause of death in post parturient haemoglobinuria in cattle is**
  - a) Anemic anoxia
  - b) Histotoxic anoxia
  - c) Cardiac failure
  - d) Renal failure
- 5. Scientific method of administration of drugs based on pathophysiology of the disease process and pharmacotherapeutics of drugs is called..... therapeutics**
  - a) Empirical
  - b) Palliative
  - c) Rational
  - d) Specific
- 6. Quarantine period is usually equal to the longest ..... period of a disease**
  - a) Incubation
  - b) Prodromal
  - c) Illness
  - d) Convalescence
- 7. Dummy syndrome is not seen in**
  - a) Acetonemia in cattle
  - b) Listeriosis in cattle
  - c) Leptospirosis in cattle
  - d) Encephalitis in horses

- 8. In case of malignant hyperthermia, dantrolene @.....mg/kg body weight intravenously is the specific and effective treatment.**
- 2.5 – 10
  - 25 -100
  - 250 - 500
  - 1000- 2000
- 9. Active core re-warming techniques for the treatment of hypothermia cannot be achieved by**
- Peritoneal dialysis
  - Surgical lamp
  - Warmed humidified inspired air
  - Infusion of warmed intravenous fluid
- 10. Vomiting yellow fluid (bile) or froth in early morning is characteristic feature in**
- Bilious vomiting syndrome
  - Zollinger-Ellison syndrome
  - Cushing syndrome
  - Horner's syndrome
- 11. Common neurological disorder of the eye and facial muscles is seen in**
- Bilious Vomiting syndrome
  - Zollinger-Ellison syndrome
  - Cushing syndrome
  - Horner's syndrome
- 12. Values of true rate in epidemiology of any disease varies between**
- 0 to infinity
  - 0 to 1
  - 1 to 1
  - 1 to 0
- 13. Sunken eyes and inelastic skin are not remarkable clinical findings in assessment of dehydration in**
- Cattle
  - Dog
  - Goat
  - Horse
- 14. Normal range of central venous pressure in dog is**
- 5-12 cm of water
  - 5-12 mm of Hg
  - 70- 120 cm of water
  - 70- 120 mm of Hg
- 15. In left sided displacement of abomasum; abomasum lies between**
- Rumen and left abdominal wall
  - Rumen and reticulum
  - Rumen and liver
  - Liver and left abdominal wall

**16. Lip-tik test is performed to distinguish between**

- a) Ruminal and reticular ping
- b) Ruminal and abomasal ping
- c) Omasal and abomasal ping
- d) Reticular and abomasal ping

**17. Now-a- days which strain of FMD virus is not included in vaccine in India**

- a) A
- b) O
- c) Asia- 1
- d) C

**18. The virus which require actively dividing cells for its multiplication**

- a) Canine distemper
- b) Canine parvovirus
- c) Rabies virus
- d) Infectious canine hepatitis

**19. White side test for mastitis is based on increase in**

- a) pH
- b) Chloride
- c) Leucocyte count
- d) Catalase

**20. Poll test is used to diagnose**

- a) Apoplexy
- b) TRP
- c) Colic
- d) Epilepsy

**21. Papple shaped abdomen in cattle is characteristic clinical picture in**

- a) Right sided abomasal displacement
- b) Hoflund's syndrome
- c) Diaphragmatic hernia
- d) Lactacidosis

**22. In Mallein test, mallein is injected intradermally into the**

- a) Upper eyelid
- b) Lower eyelid
- c) Upper lip
- d) Lower lip

**23. Normal ratio of calcium : magnesium in ribs and vertebrae is**

- a) 2 : 1
- b) 6:1
- c) 1: 6
- d) 55:1

- 24. Usually @.....body weight is preferable by parental injections of aqueous solutions of Vitamin A in deficiency is**
- a) 4 IU/kg
  - b) 44 IU/kg
  - c) 440 IU/kg
  - d) 4400 IU/kg
- 25. Goose stepping gait in pigs is observed in deficiency of**
- a) Niacin
  - b) Pyridoxin
  - c) Pantothenic acid
  - d) Biotin
- 26. Sodium fluoride is preferred anticoagulant for blood glucose estimation as**
- a) Inhibit glycolysis
  - b) Augment glycolysis
  - c) Inhibit gluconeogenesis
  - d) Augment gluconeogenesis
- 27. .... in rumen is required in 5: 1 for optimal absorption of magnesium**
- a) Ca : P
  - b) P : Ca
  - c) K : Na
  - d) Na : K
- 28. FIGLU and MMA in urine is useful diagnostic and prognostic indicator of .....**
- a) Copper deficiency
  - b) Zinc excess
  - c) Cobalt deficiency
  - d) Phosphorus excess
- 29. Blood picture of ionizing radiation is**
- a) Microcytic hypochromic
  - b) Microcytic normochromic
  - c) Macrocytic hypochromic
  - d) Normocytic normochromic
- 30. Erythrocyte superoxide dismutase activity is measured to diagnose deficiency of**
- a) Copper
  - b) Cobalt
  - c) Pantothenic acid
  - d) Biotin
- 31. Cog wheel type clonic contraction of the cervical muscles and star grazing posture is indicative of**
- a) Ovine ketosis
  - b) Bovine ketosis
  - c) Eclampsia in bitches
  - d) Lactation tetany



- 32. Increase concentration of ..... in circulation is called hypercapnea -**
- a) Oxygen
  - b) Carbon dioxide
  - c) Carbon monooxide
  - d) Nitrous oxide
- 33. Parakeratosis is**
- a) Incomplete keratinization of skin
  - b) Hyperkeratinization of superficial layer of skin
  - c) Hyperkeratinization of deep layer of skin
  - d) Thickening of all layer of skin due to pressure
- 34. In acute heart failure, intracardial administration of .....is treatment of choice.**
- a) Adrenaline
  - b) Nikethamide
  - c) Heparin
  - d) Dexamethasone
- 35. In general, ..... can tolerate a pressure load to a much greater extent without overt signs of cardiac insufficiency**
- a) Right atrium
  - b) Right ventricle
  - c) Left atrium
  - d) Left ventricle
- 36. Zinc is essential component of enzyme ..... related with transport of CO<sub>2</sub> and secretion of HCl from stomach**
- a) Carbonic anhydrase
  - b) Glutathione peroxidase
  - c) Methylmalonic acid
  - d) Erythrocyte dismutase
- 37. Diamond shaped skin lesions are seen in acute form of**
- a) Glasser's disease
  - b) Classical swine fever
  - c) Porcine dermatitis and nephropathy syndrome
  - d) Swine Erysipelas
- 38. The course of the Fowl spirochetosis is**
- a) 1-2 days
  - b) 1-2 week
  - c) 4-6 week
  - d) 10-12 hour
- 39. The measurement of erythrocyte transketolase activity enables evaluation of ..... status**
- a) Folic acid
  - b) Biotin
  - c) Thiamine
  - d) Riboflavin

- 40. In thiamine deficiency pyruvate : lactate ratio**
- a) Increased
  - b) Decreased
  - c) Unaltered
  - d) Abruptly altered
- 41. Accumulation of pus in anterior chamber of eyes is termed as**
- a) Hyphaema
  - b) Haemophthalmia
  - c) Hypopion
  - d) Cataract
- 42. In canine; severe gastroenteritis is caused by**
- a) CPV-1
  - b) CPV-2
  - c) CPV-3
  - d) CPV-4
- 43. Canine atopy is mediated by which dermatitis of the following immunoglobulin**
- a) IgA & IgM
  - b) IgA & IgG
  - c) IgG & IgM
  - d) IgE
- 44. In the standard treatment of HCN poisoning, sodium thiosulphate and sodium nitrate is used in ratio**
- a) 3:1
  - b) 1:3
  - c) 2:1
  - d) 1:2
- 45. BAL is an effective antidote for**
- a) Selenium toxicity
  - b) Arsenic poisoning
  - c) Lead poisoning
  - d) HCN poisoning
- 46. Who can issue the certificate of sound or unsound for horse**
- a) Veterinary surgeon
  - b) Medical officer
  - c) Police officer
  - d) Executive magistrate
- 47. Which animal is considered to be unsound having parrot mouth condition**
- a) Sheep
  - b) Goat
  - c) Horse
  - d) Dog

- 48. In case of anaphylactic reaction to incompatible blood transfusion, the best choice of drug to check fatal effect is**
- a) CNS stimulant
  - b) Cardiac stimulant
  - c) Nikethamide (1%)
  - d) Adrenaline hydrochloride (1X1000)
- 49. Algerian sheep is resistant to**
- a) Anthrax
  - b) Sheep pox
  - c) PPR
  - d) FMD
- 50. Antrycide prosalt is preferred in treatment of**
- a) Trypanosomiasis
  - b) Coccidiosis
  - c) Anaplasmosis
  - d) Babesiosis
- 51. Halitosis, nephritis, abortion in late pregnancy, jaundice in cattle are indicative of**
- a) Listeriosis
  - b) Leptospirosis
  - c) Bacillary haemoglobinuria
  - d) Brucellosis
- 52. .... nephritis observed very common in dogs**
- a) Glomerular
  - b) Pyelo
  - c) Interstitial
  - d) Embolic
- 53. Eprinomectin in cattle is having milk withdrawal period (in days)**
- a) Zero
  - b) Three
  - c) Seven
  - d) Fifteen
- 54. Pipe stem liver is characteristic of**
- a) Chronic Trypanosomiasis
  - b) Chronic Fasciolosis
  - c) Acute Anaplasmosis
  - d) Acute Babesiosis
- 55. Type of anoxia is cyanide poisoning**
- a) Anoxic
  - b) Anemic
  - c) Histotoxic
  - d) Stagnant

- 56. Cheyne stokes respiration is characteristic pattern observed in**
- Meningitis
  - Pulmonary insufficiency
  - Acute Hepatitis
  - Congestive Heart failure
- 57. Water hammer pulse is diagnostic feature in valvular defect as**
- Aortic insufficiency
  - Tricuspid insufficiency
  - Pulmonic stenosis
  - Tricuspid stenosis
- 58. Positive jugular pulse is diagnostic feature in valvular defect as**
- Aortic incompetence
  - Tricuspid incompetence
  - Pulmonic stenosis
  - Mitral stenosis
- 59. Low voltage QRS complex in ECG is indicative of**
- Valvular defect
  - Pericardial effusion
  - Left side CHF
  - Atrial fibrillation
- 60. Oxbutynin is used in the treatment of**
- Myositis
  - Urinary incontinence
  - Rickets
  - Broncho Pneumonia
- 61. The art of recognition and determination of the nature of disease is called**
- Diagnosis
  - Prognosis
  - Convalescence
  - Relapse
- 62. S-adenosyl L-methionine is commonly used in treatment of**
- Cardiac dysfunction
  - Hepatic dysfunction
  - Renal dysfunction
  - Pancreatic dysfunction
- 63. Digoxin is not preferred through intramuscularly administration as it causes**
- Bleeding disorder
  - Epilepsy
  - Severe muscular necrosis and erratic blood level
  - syncope



**64. Cause of ivermectin sensitivity in collies is**

- a) Deletion mutation in MDR-I gene
- b) Addition mutation in MDR-I gene
- c) Deletion mutation in ILC-I gene
- d) Addition mutation in ILC-I gene

**65. Haemoptus in horses is not foamy because of**

- a) Horizontal position of the major bronchi
- b) Vertical position of the major bronchi
- c) Anatomical positioning of epiglottis
- d) Wide nostrils

**66. Neurotoxins produced by *Clostridium tetani* in**

- a) Fresh tissue
- b) Necrotic tissue
- c) Emphysematous tissue
- d) Calcified tissue

**67. Toxin of BQ organism is**

- a) Exotoxin
- b) Endotoxin
- c) Neurotoxin
- d) Enterotoxin

**68. Encephalitis is the most readily recognized form of .....in ruminants**

- a) Leptospirosis
- b) Listeriosis
- c) Botulism
- d) Coccidiosis

**69. Button shaped ulcers are found in colonic mucosa in**

- a) Rinderpest
- b) Theileriosis
- c) Swine fever
- d) Histoplasmosis

**70. Equine influenza, swine influenza and avian influenza all occurs due to**

- a) Influenza virus A
- b) Influenza virus B
- c) Influenza virus C
- d) Influenza virus D

**71. The most common bacteria involved in pneumonia in one month foal is**

- a) *Klebsiella* spp.
- b) *Rhodococcus* spp.
- c) *Streptococcus* spp.
- d) *Pasteurella* spp.

72. Guinea pigs require a continuous dietary supply of vitamin ..... because they lack the enzymes necessary for conversion of l- gulonalactone to l-ascorbic acid
- A
  - B complex
  - C
  - E
73. Bollinger bodies are characteristic diagnostic finding of
- Avian pox
  - Rabies
  - Canine Distemper
  - Mareks
74. Inability of kidney to change specific gravity and osmolality in different environmental condition is termed as
- Oligouria
  - Dysuria
  - Polyuria
  - Isoisthenuria
75. The anatomical and physiological features of the respiratory system of cattle which is not related to predisposing factor to development of pulmonary lesions
- Myeloperoxidase in the respiratory secretions
  - Small physiological gaseous exchange capacity
  - Higher degree of compartmentalization in the lungs
  - Low level bioactivity of lysozyme in respiratory mucus
76. Allopurinol is commonly used drug in treatment of .....
- Encephalitis
  - Paralysis
  - Urolithiasis
  - Sporotrichosis
77. Struvite are most common urinary stone in .....
- Dog
  - Cat
  - Pig
  - Horse
78. Diabetes insipidus is caused by problems related to the hormone
- Insulin
  - Parathyroid
  - ADH
  - Oxytocin
79. Coggin's test is used to diagnose
- Glanders
  - Equine infectious anemia
  - Listeriosis
  - Strangles

**80. Hyperadrenocorticism is also named as**

- a) Addison's Disease
- b) Cushing Disease
- c) Creatinism
- d) Dwarfism

**81. Waddling gait in pigs is characteristic finding in ..... deficiency**

- a) Magnesium
- b) Iodine
- c) Thiamine
- d) Cobalt

**82. Rickets is rare in.....**

- a) Puppies
- b) Piglets
- c) Calves
- d) Kids

**83. Neonatal hypoglycemia in piglets is usually seen during first..... after birth**

- a) 2 -3 days
- b) 8-10 days
- c) 15-20 days
- d) one month

**84. Bunny hopping gait and cow hocked stance in deer is characteristic clinical finding in ..... deficiency**

- a) Manganese
- b) Copper
- c) Cobalt
- d) Iron

**85. A condition characterized by sudden mood changes accompanied by feelings of hopelessness and lethargy**

- a) Narcolepsy
- b) Chronolepsy
- c) Psycholepsy
- d) Coma

**86. Primary age for vaccination of tetanus in foals is.....**

- a)  $\geq$ 2-3 weeks
- b)  $\geq$  4-6 weeks
- c)  $\geq$  4-6 months
- d)  $\geq$  1 year

**87. Fish scale disease is**

- a) Chronic Keratitis
- b) Chelloschisis
- c) Creaticism
- d) Ichthyosis

**88. In Marek's disease affected nerve usually thicken**

- a) 2-3 times
- b) 5-10 times
- c) 10- 20 times
- d) None

**89. Epidemic tremor is synonym to**

- a) Marek's disease
- b) Ranikhet disease
- c) Infectious bronchitis
- d) Avian encephalomyelitis

**90. Vaccination against Marek's disease is done on**

- a) 0 day
- b) 1 day
- c) 1 week
- d) 1 month

**91. The deficiency of Vitamin A in birds can be effectively treated by addition of .....IU of Vit. A per kg of diet.**

- a) 100 IU
- b) 1000 IU
- c) 10000 IU
- d) 100000 IU

**92. Nematode found in caecum and colon of rat and mice**

- a) *Heterakis spumosa*
- b) *Eimeria spp*
- c) *Hymenolepis nana*
- d) *Myobia musculi*

**93. To restrain non human primate the recommended dose of ketamin hydrochloride is @ .....mg/kg, I/M**

- a) 10
- b) 50
- c) 100
- d) 1000

**94. Among various types of aflatoxins which one is more toxic**

- a) B2
- b) G1
- c) G2
- d) B1

**95. In Bracken fern toxicity the deficiency of vitamin occur**

- a) B<sub>6</sub>
- b) B<sub>12</sub>
- c) B<sub>1</sub>
- d) B<sub>2</sub>



**96. Farrier is the person who**

- a) Clips the fur of animals
- b) Milk the animal
- c) Shoeing the horse
- d) Transport the animal

**97. Which one of the following is not the 3R principle of animal welfare**

- a) Reduction
- b) Refinement
- c) Replacement
- d) Retention

**98. Act of changing appearance to make the animal look younger is called**

- a) Bishoping
- b) Maiming
- c) Drowning
- d) Phooka

**99. Glanders and Farcy Act was enacted in the year**

- a) 1871
- b) 1898
- c) 1899
- d) 1984

**100. Indian Veterinary Council Act in the year**

- a) 1871
- b) 1898
- c) 1899
- d) 1984

**101. Early cardiac marker for diagnosis of cardiomyopathy in canines are**

- a) Troponin I and Creatinine kinase
- b) Troponin I and Anti Pro BNP
- c) Anti Pro BNP and LDH
- d) Creatinine kinase and LDH

**102. The sequence of occurrence of heart sound is.**

- a) 1-2-3-4
- b) 2-3-4-1
- c) 4-3-2-1
- d) 4-1-2-3

**103. Physiological murmurs are associated with**

- a) Turbulence produced during periods of high velocity flow
- b) Turbulence produced during periods of low velocity flow
- c) Turbulence resulting from decreased viscosity and increased flow
- d) Turbulence resulting from increased viscosity and decreased flow

**104. Chediak-Higashi syndrome in cattle is exhibited as**

- a) Bleeding tendency
- b) Breeding tendency
- c) Feeding tendency
- d) Resting tendency

**105. Von Willebrand disease in pigs is caused by deficiency of coagulation factor**

- a) II
- b) VIII
- c) IX
- d) X

**106. Carbon dioxide is the most effective respiratory stimulant used as mixture with oxygen containing ..... carbon dioxide**

- a) < 0.5 %
- b) 1-2 %
- c) 5-10%
- d) 25-30%

**107. Agent augments the volume of respiratory secretions by stimulating the mucus producing cells and glands are called**

- a) Mucolytic
- b) Bronchomucotropic
- c) Bronchodilator
- d) Diluent mukokinetic

**108. Pneumothorax is unilateral in most species but it is bilateral in**

- a) Cattle
- b) Horse
- c) Pig
- d) Dog

**109. Hypospadias**

- a) Imperfect closure of the external male urethra
- b) Imperfect closure of the anal sphincter
- c) Imperfect closure of the cardia
- d) Imperfect closure of the valve

**110. Schiff- Sherrington syndrome in dog is manifested as**

- a) hypertonia of forelimbs and hypotonic paralysis of hind limb
- b) hypotonia of forelimbs and hypertonic paralysis of hind limb
- c) hypertonic paralysis of forelimbs and hypotonia of hind limb
- d) hypotonic paralysis of forelimbs and hypertonia of hind limb

**111. Normal CSF pressures of the cisterna magna in cattle ranges from**

- a) 5-10 mm saline in manometer
- b) 5-10 ml saline in manometer
- c) 50-150 mm saline in manometer
- d) 50-150 ml saline in manometer

**112. Mannitol (20%) and dexamethasone as successful intracranial decompressant @**

- a) Mannitol 2mg/kg BW, Dexamethasone 1g/kg BW
- b) Mannitol 2g/kg BW, Dexamethasone 1mg/kg BW
- c) Mannitol 20mg/kg BW, Dexamethasone 1g/kg BW
- d) Mannitol 20g/kg BW, Dexamethasone 1mg/kg BW

**113. The prevalence of subclinical *Strep. agalactiae* can be reduced more rapidly by**

- a) Dry cow therapy
- b) Post milking teat dipping
- c) Blanket therapy
- d) Blitz therapy

**114. Finasteride is a 5-alpha reductase inhibitor used to treat**

- a) Benign prostatic hyperplasia
- b) Canine transmissible venereal tumour
- c) Metritis Mastitis syndrome
- d) Pancreatitis

**115. Large breed dogs with deep chest are more prone for**

- a) Acute liver failure
- b) Gastric dilatation volvulus
- c) Congestive heart failure
- d) Dilated cardiomyopathy

**116. Brucella organism can survive on freezing for**

- a) one week
- b) one month
- c) one year
- d) Indefinite period

**117. Fistulous wither in equine is seen in**

- a) Glanders
- b) Strangles
- c) Brucellosis
- d) Equine infectious anemia

**118. Strain 19 vaccine (calf hood vaccine) in a single dose has**

- a)  $5-8 \times 10^3$  organisms
- b)  $5-8 \times 10^6$  organisms
- c)  $5-8 \times 10^8$  organisms
- d)  $5-8 \times 10^{12}$  organisms

**119. According to FAO, WHO and OIE ..... is still one of the most important and wide spread bacterial zoonoses in the world**

- a) Anthrax
- b) Brucellosis
- c) Glanders
- d) Tuberculosis

**120. World Rabies Day is celebrated on**

- a) 6<sup>th</sup> July
- b) 29<sup>th</sup> July
- c) 28<sup>th</sup> September
- d) 28<sup>th</sup> April

### Key: Veterinary Medicine

Q. No.	Answer	Q. No.	Answer	Q. No.	Answer
1	c) 1762	41	c) Hypopion	81	b) Iodine
2	b) Imhotep	42	b) CPV-2	82	c) calves
3	d) Atharva veda	43	d) IgE	83	a) 2-3 days
4	a) Anemic anoxia	44	a) 3:1	84	b) Copper
5	c) Rational	45	b) Arsenic poisoning	85	c) Psycholepsy
6	a) Incubation	46	a) Veterinary surgeon	86	c) $\geq$ 4-6 months
7	c) Leptospirosis in cattle	47	c) Horse	87	d) Ichthyosis
8	a) 2.5 – 10	48	d) Adrenaline hydrochloride (1X1000)	88	a) 2-3 times
9	b) Surgical lamp	49	a) Anthrax	89	d) Avian encephalomyelitis
10	a) Bilious Vomiting syndrome	50	a) Trypanosomiasis	90	a) 0 day
11	d) Horner's syndrome	51	b) Leptospirosis	91	c) 10000 IU
12	a) 0 to infinity	52	c) Interstitial	92	a) <i>Heterakis spumosa</i>
13	d) Horse	53	a) Zero	93	a) 10
14	a) 5-12 cm of water	54	b) Chronic Fasciolosis	94	d) B <sub>1</sub>
15	a) Rumen and left abdominal wall	55	c) Histotoxic	95	c) B <sub>1</sub>
16	b) Ruminal and abomasal ping	56	b) Pulmonary insufficiency	96	b) Shoeing the horse
17	d) C	57	a) Aortic insufficiency	97	d) Retention
18	b) Canine parvovirus	58	b) Tricuspid incompetence	98	a) Bishoping
19	c) Leucocyte count	59	b) Pericardial effusion	99	c) 1899
20	b) TRP	60	b) Urinary incontinence	100	d) 1984
21	b) Hoflund's syndrome	61	a) Diagnosis	101	b) Troponin I and Anti Pro BNP
22	b) Lower eyelid	62	b) Hepatic dysfunction	102	d) 4-1-2-3
23	d) 55:1	63	c) Severe muscular necrosis and erratic blood level	103	c) Turbulence resulting from decreased viscosity and increased flow
24	c) 440 IU/kg	64	a) Deletion mutation in MDR-I gene	104	a) Bleeding tendency
25	c) Pantothenic acid	65	a) Horizontal position of the major bronchi	105	b) VIII
26	a) Inhibit glycolysis	66	b) Necrotic tissue	106	c) 5-10%



27	d) Na : K	67	a) Exotoxin	107	b) Bronchomucotropic
28	c) Cobalt	68	b) Listeriosis	108	b) Horse
29	b) Microcytic normochromic	69	c) Swine fever	109	a) Imperfect closure of the external male urethra
30	a) Copper	70	a) Influenza virus A	110	a) hypertonia of forelimbs and hypotonic paralysis of hind limb
31	a) Ovine ketosis	71	b) <i>Rhodococcus</i> spp.	111	c) 50-150 mm saline in manometer
32	b) Carbon dioxide	72	c) C	112	b) Mannitol 2g/kg BW, Dexamethasone 1mg/kg BW
33	a) Incomplete keratinization of skin	73	a) Avian pox	113	d) Blitz therapy
34	a) Adrenaline	74	d) Isoisthenuria	114	a) Benign prostatic hyperplasia
35	d) Left ventricle	75	a) Myeloperoxidase in the respiratory secretions	115	b) Gastric dilatation volvulus
36	a) Carbonic anhydrase	76	c) Urolithiasis	116	d) Indefinite period
37	d) Swine Erysipelas	77	a) Dog	117	c) Brucellosis
38	b) 1-2 week	78	c) ADH	118	c) 5-8X 10 <sup>8</sup> organisms
39	c) Thiamine	79	b) Equine infectious anemia	119	b) Brucellosis
40	b) Decreased	80	b) Cushing Disease	120	c) 28 <sup>th</sup> September