

Several Years Questions – VETERINARY SCIENCE

1. Which of the following inhibits aggregation of platelets
 - o Aspirin; Thromboxane A2; Urokinase; Streptokinase
2. The longest muscle in animal body is:
 - o Biceps femoris; Longissimus dorsi; Longissimus costarum; Levator costarum
3. Epithelial pearls are seen in
 - o Basal cell carcinoma; Adenocarcinoma; Trichoepithelioma; Squamous cell Carcinoma
4. Motility of bacteria is due to
 - o Plasmid; Flagella; Pili; None
5. The organ needs to be examined for *Trichinella spiralis* in routine PM examination
 - o Lungs; Diaphragm; Spleen; Intestine
6. The following have branching except:
 - o Actinomycetes; Nocardia; Mycobacterium; Listeria
7. The zoonotic disease involving birds playing an important role in the transmission:
 - o Salmonellosis; Campylobacteriosis; Influenza; All
8. GnRH is secreted from:
 - o Hypothalamus; Hypophysis; Ovary; Uterus
9. Thawing is done at:
 - o 300C-30s; 370C-30s; 400C-30s; 250C-20s
10. Hjarre's disease in poultry is due to
 - o E coli; Shigella; Salmonella; Proteus
11. Type of lenses in electron microscope:
 - o Glass; Electrostatic; Quartz; None
12. Average volume of semen ejaculate in boar (ml) is:
 - o 10; 100; 250; 500
13. The anaesthesia which facilitates the examination of penis and prepuce
 - o Epidural; Pudental; Paravertebral; High Epidural
14. Brcella ovis infection in ram is causes

- o Posthitis; Epididymitis; Orchitis; Prostatitis
15. Calcitonin is secreted by
- o Parathyroid; Adrenal; Thyroid; Ovary
16. Type of WBC most numerous in cows is
- o Eosinophils; Lymphocytes; Neutrophils; Monocytes
17. Duration of spermatogenesis (days) in buffalo bulls:
- o 64; 54; 48; 40
18. The antibiotic doesn't have dose dependent antibacterial action
- o OTC; Amikacin; Enrofloxacin; Sulfadiazine
19. The estrogen antagonist used to treat mammary and endometrial carcinoma in bitch
- o Megestrol acetate; Tamoxifen citrate; Estradiol cypionate; Mitotane
20. Cyclozoonosis is related to:
- o Brucellosis; Echinococcosis; Leishmaniosis; None
21. Subacute glomerulonephritis is grossly described as
- o White Spotted Kidney; Large White Kidney; Small Granular Contracted Kidney; Flea Bitten Kidney
22. Vagus nerve is:
- o Sensory Nerve; Motor Nerve; Mixed Nerve; Spinal Nerve
23. Ovulation takes place at the end of estrus period in:
- o Canine; Bovine; Ovine; Caprine
24. The following is to be injected prior to any major surgery/ wound management in horses
- o Antibiotics; Styptics; NSAIDs; Tetanus toxoid
25. The following produces Aflatoxin:
- o Penicillium notatum; Penicillium rubri; Aspergillus fumigates; Trichophyton sp.
26. Acute gangrenous myositis is characteristic pathological lesion of:
- o Anthrax; BQ; Leptospirosis; Pasteurellosis
27. Type of Nucleic acid present in virus:
- o DNA; RNA; Both; Either
28. World environment day falls on:

- o February 12; April 8; June 5; October 4
- 29. Lobulation of the lungs is distinct in:
 - o Cow; Horse; Dog; Fowl
- 30. The number of Lumbar vertebrae in dog is:
 - o 6; 5; 7; 8
- 31. Mode of hook worm infection is mainly through
 - o Oral; Skin Penetration; Lactogenic; All
- 32. The nucleated thrombocytes are present in blood of:
 - o Horse; Camel; Fowl; Cow
- 33. The disease not produced by Mycoplasma
 - o CRD; CBPP; CCPP; BSE
- 34. The following species not affected by FMD
 - o Elephant; Gaur; Rhino; Wild Boar
- 35. Type of animals equines are:
 - o Polyestrus; Seasonally Polyestrus; Monoestrus; None
- 36. Bitterness of milk is due to
 - o Proteolysis; Lipolysis; Autolysis; All
- 37. The important vitamin that inactivates free radicals
 - o Vitamin A; Vitamin B; Vitamin D; Vitamin E
- 38. Which of the following diseases in poultry is not vertically transmitted?
 - o EDS 76; Mycoplasmosis; Lymphoid Leucosis; New Castle Disease
- 39. The ingredient of blister is:
 - o Mag sulph; Bin Iodide of mercury; Copper sulph; Iodine
- 40. The vector through which Trypanosomes are transmitted
 - o Tabanus; Anopheles; Culicoides; Boophilus
- 41. Camel is
 - o Spontaneous Ovulator; Induced Ovulator; Silent Ovulator; None
- 42. The largest immunoglobulin
 - o Ig G; Ig M; Ig A; Ig D

43. An example of long duration local anaesthetic
- o Bupivacaine; Lignocaine; Lidocaine; Paracaine
44. The chemical used to control snail population
- o Copper sulph; Pot hydroxide; Carbon tetrachloride; None
45. The infective stage of *Schistosoma* spp.
- o Eggs; Sporocyst; Cercaria; Metacercaria
46. Reserpine is obtained from
- o *Ocimum sanctum*; *Adhatoda vasica*; *Leptadenia Reticularis*; *Rauwolfia serpentina*
47. Soil erosion is due to:
- o Deforestation; Soil Formation; Soil Conservation; All
48. Diffuse suppuration in the sub cutaneous tissue is
- o Pustule; Phlegmon; Acne; Furuncle
49. During second stage of parturition there is a release of an extra amount of
- o Oestrogen; Progesterone; Oxytocin; PGF₂ alfa
50. *Brucella* organisms multiply in the presence of the alcohol
- o Glucose; Galactose; Erythritol; Fructose
51. Domestic sewage contains the following
- o Chemicals; Organic Matter; Highly Toxic Substances; All
52. Gasping is a symptom in:
- o ILT; Avian Influenza; Avian Leucosis; Ranikhet Disease
53. The sporadic disease is:
- o HS; Tetanus; FMD; Avian Influenza
54. The leucocytic granules more toxic to parasites
- o Eosinophils; neutrophils; basophils; lymphocytes
55. The target organ of shock in dogs is
- o Liver; Lungs; Intestine; Heart
56. Electrical stunning is widely used in
- o Cattle, Poultry; Pig, Poultry; Buffalo, Poultry; Sheep
57. The vector for *Leishmania* is

- o Phlebotomus; Culicoides; Tabanus; Musca
58. The presentation of fetus in breech presentation is
- o Anterio Longitudinal; Posterior Longitudinal; Dorso Transverse; Ventro Transverse
59. During recent outbreak of Avian Influenza in South East countries, subtype has been identified
- o H5N1; H5N2; H2N9; H1N5
60. Garlic like odour of gastrointestinal contents is suggestive of poisoning with
- o Nitrate ; HCN; Alkali; Phosphorus
61. The extracellular parasite
- o Babesia; Theileria; Anaplasma; Trypanosome
62. Occupational radiation hazards can be prevented by wearing an apron of
- o Aluminium; Copper; Lead; Silver
63. The largest deer found in india
- o Sambar; Nilgai; Spotted Deer; Barasingah
64. The state bird of Gujarat
- o King Vulture; Saras Crane; Pea Fowl; Flamingo
65. Campylobacteriosis is diagnosed by
- o Milk Ring Test; HA; Intradermal Inoculation; Vaginal Mucous Agglutination Test
66. Cubonis test is used to diagnose pregnancy in
- o Bitch; Mare; Sow; Cow
67. Programmed cell death is called
- o Phagocytosis; Mytosis; Necrosis; Apoptosis
68. Rodent control is very much effective in control of
- o Leptospirosis; Plague; Salmonellosis; All
69. The term epsilon is associated with
- o Brucellosis; Enterotoxaemia; Marek's Disease; Erysipelas
70. Blow gun rifle is fairly accurate for the target up to the distance of
- o 40 metres; 80 feet; 80 metres; 40 feet
71. A live vaccine among the following
- o HS; Brucella S19; BQ; Rabies

72. A well established protozoal disease transmitted by way of milk
- o Toxoplasmosis; Giardiasis; Cryptosporidiosis; None
73. Cells spermatids are
- o Haploids; Diploids; Tetraploids; Triploids
74. Navicular bone in horses
- o Patella; Proximal Sesamoids; Febella; Distal Sesamoids
75. Length of gestation in mares
- o 9 months 9 days; 8 months 8 days; 10 months 10 days; 11 months 11 days
76. Ingestion of Lantana foliage causes
- o Hepatotoxicity And Secondary Photosensitization; Acute Enteritis; Pulmonary Haemorrhage; Nephrotoxicity
77. Parasite of pulmonary artery
- o Sarcoptes; Cysticercus; Toxoplasma; Dirofilaria immitis
78. Irritant and non isotonic drug solution are injected by which route
- o Intravenous; Intramuscular; Sub Cutaneous; Intraperitoneal
79. Deaths among clinically affected animals indicates
- o Incident Rates; Morbidity Rate; Fatality Rate; Prevalence Rate
80. The stomach fluke disease is caused in cattle due to
- o Paramphistomum cervi; Moniezia expansa; Fasciola hepatica; Neoascaris vitulorum
81. In paraffin block making technique fat/lipid is dissolved by
- o Formaline; Xylene; Paraffin; Alcohol
82. Electron microscope was invented by
- o Leewenhock; Pastuer; Knoll and Ruska; Elford
83. The characteristic lesion in brain of cow affected by mad cow disease
- o Neuronal Degeneration; Neuronal Vacuolation; Inclusion Bodies in Neurons; Encephalitis
84. Antihypertensive drug with angiotensin converting enzyme inhibiting action
- o Prazosin; Verapamil; Frusemide; Captopril
85. Apex of bovine heart is attached by

- o Cardio thoracic ligament; Pericardio sternal ligament; Cardiac phrenic ligament; Coronary ligament
86. Purkinjee cells are noted in the
- o Myocardium; Cerebellum; Cerebrum; Myometrium
87. Michael Bishop and Harold Varmus were awarded Nobel Prize in 1989 for their work on
- o Monoclonal Antibodies; Proto Oncogenes; Chemical Carcinogens; Apoptosis
88. Bioterrorism is associated with
- o Echinococcosis; Anthrax; Leishmaniosis; Tuberculosis
89. Caecal coccidiosis is caused by
- o E acervulina; E magna; E tenella; E necatrix
90. Name the drug of choice for treatment of Thieleriosis
- o Suramin; Buparvaquon; Nitrothiozol; Clopidol
91. An antibiotic that interferes with bacterial cell wall synthesis
- o Gentamicin; Penicillin; Sulphonamide; None
92. Fundamental germ layer
- o Ectoderm; Mesoderm; Endoderm; Mesenchymal Cells
93. Agar is composed of
- o Protein; Lipids; Carbohydrates; Mixture of all three
94. Rabies virus is
- o Viscerotropic; Neurotropic; Dermotropic; None
95. Reverse transcriptase enzyme is present in the virus family of
- o Pox; Adeno; Retro; Irido
96. The drug active against cestodes
- o Pyrantel; Thiophanate; Hexachlorophene; Praziquantel
97. The desirable limit of fluoride (mg/l) in human drinking water is
- o 1; 3; 5; 7
98. The inflammation of hoof of horse is called
- o Synovitis; Bursitis; Naviculitis; Laminitis
99. The brachicephalic breed of dog

- o Collie; Pug; Doberman; German Shepherd
100. Warfarin poisoning is treated by administration of Vitamin
- o K; E; A; C
101. Lemberts pattern is not used for sutured
- o Uterus; Urinary Bladder; Oesophagus; Rumen
102. The smallest virus
- o Fowlpox; FMD; Ranikhet Disease; Avian Leukosis
103. Atropine :
- o Reduces metabolic rate;
 - o Reduces salivary, gastric and bronchial secretion;
 - o Reduces body temperature
 - o Decrease intestinal motility
104. The larva that causes VLM
- o Toxocara canis; Ascaris suum; Ancylostoma caninum; Dirofilaria immitis
105. The microchromosomes are seen in
- o Cattle; Horse; Poultry; Dog
106. Othaematoma is the haematoma involving
- o Eye and Ear; Ear; Eye; None
107. Punched ulcers in abomassum is caused by
- o Babesia bigemina; Theileria annulata; Anaplasma marginale; Babesia bovis
108. Death of animal suffering from rabies occurs due to
- o Neuritis; Gastritis; Asphyxia; Paralysis
109. Cattle genome is made up of how many organic bases
- o 2.9-3.1 trillion; 2.9-3.1 billion; 2.9-3.1 million; 2.9-3.1 lakh
110. Brooder pneumonia is caused by
- o Aspergillus flavus; Aspergillus ochoreceal; Aspergillus parasiticus; Aspergillus fumigatus
111. Paralysis of hind quarter is termed as
- o Hemiplegia; Diplegia; Quadriplegia; Paraplegia
112. Teat surgery is more successful during which stage

- o Lactating Stage; Dry Stage; Post Pubertal Stage; None
113. Pipe stem liver condition is seen in which of the following infection
- o Fasciola hepatica; Moneizia expansa; Dicrocoelium dentriticum; None
114. The diabetes insipidus develops due to deficiency of
- o ADH; Glucagon; Insulin; Aldosterone
115. An important source of biofuel is (Ethanol)
- o Jowar; Oat; Sugarcane; Rice
116. Main immunoglobulin protecting mucosal surface is:
- o Ig M; Ig A; Ig G; All
117. Surgical removal of stones from the urinary bladder is known as
- o Nephrectomy; Cystotomy; Penectomy; Nephrotomy
118. The reference test for diagnosis of rabies
- o FAT; AGPT; Agglutination; ELISA
119. Toxic principle present in cotton seed is
- o Sinigrin; Gossypol; Tannin; Mimosin
120. Microglia cells are present in
- o Blood; Bone Marrow; Pancreas; Brain
121. Suturing of the uterus after the Caesarean section starts from
- o Ovarian end; Cervical end; Middle of the uterus; Either of end
122. Anaesthesia is produced when the blood concentration of chloroform reaches to level of
- o 0.035%; 0.35%; 0.053%; 1.035%
123. Surgical operation for providing drainage from middle ear is known as
- o Zepps Operation; Hyovertebrotomy; Ventriculectomy; Bulla osteotomy
124. T lymphocytes get maturity in organ
- o Liver; Thymus; Spleen; Bursa
125. Antibacterial drug associated with nephrotoxicity is
- o Tetracycline; Chloramphenicol; Streptomycin; Levofloxacin
126. Kohler and Mihalstein are known for the achievement in
- o Hybridoma; Nucleotide sequencing; Viral Culture; Prion discovery

127. Bronze discoloration of liver is characteristic feature of
- o Pullorum Disease; Fowl Cholera; Fowl Typhoid; Spirochaetosis
128. Double stranded RNA is found in
- o Retro Virus; Reo Virus; Pox Virus; Parvo Virus
129. The total dry matter requirement of cow
- o 3% of body wt; 3% of metabolic body wt; 5% of body wt; 1% of body wt
130. Raw egg feeding in dog may produce deficiency of
- o Biotin; Cholin; Niacin; Pantothenic acid
131. Catgut is prepared from the intestine of
- o Rabbit; Sheep; Pig; Cat
132. Sodium calcium EDTA is used as antidote in poisoning of
- o Arsenic; Mercury; Lead; Copper
133. The common infectious disease affecting snake
- o Brucellosis; Pasteurellosis; Salmonellosis; Tuberculosis
134. WTO is related with
- o Environment; Biodiversity; International tourism; International trade
135. Nervous sign in ketosis is due to
- o Hypocalcemia; Hypoproteinemia; Hypoglycemia; Hypophosphatemia
136. Amputation of horn in goats can be done by blocking of
- o Cornual nerve; Infraorbital; Cornual and Infraorbital; None
137. The range of pH of rumen liquor
- o 2-3; 5-7; 7-8; 3-5
138. Highly toxic poison has oral LD50 value of
- o <1 mg/kg; 1-50 mg/kg; 50-100 mg/kg; 1-50 mg/kg
139. The molecules is an endogenous antigen
- o MHC Type I; MHC Type II; MHC Type III; MHC Type E
140. Thin membranous partition between lateral ventricles of brain
- o Tapetum lucidum; Septum lucidum; Intradorsal septum; Inter ventricular septum
141. Whales and dolphins breathe through

o Gills; Spiracles; Body surface; Lungs

142. The following characteristic palpable through the rectal examination for the pregnancy diagnosis in 35 days in cattle

o Asymmetry of uterine horn; CL on ovary; Slipping of foetal membrane; All of above

143. To relieve the right side uterine torsion, animal should be cast in

o Left side; Right side; Dorsal recumbency; Sternal recumbency

144. The ligament surgically cut for correction of subluxation of patella in bovine

o Dorsal; Ventral; Middle; Medial

145. Dilated pupils and fish eye appearance is observed in which stage of anaesthesia

o Stage 3; Stage 1; Stage 2; Stage 4

Cross matching type questions. Each sub question carries ONE mark, choose the correct answer (A,B,C,D,E) for each sub-question (i,ii,iii,iv,v) and enter your choice in the circle (by shading with pencil) on the OMR answer sheet. For each wrong answer 0.20 mark will be deducted.

DISEASES

RELATED TERMS

(i) Mastitis

(A) Wart hog disease

(ii) Strangles

(B) Multiceps multiceps

(iii) African swine fever

(C) BTB Test

(iv) Gid

(D) Blue eye

(v) Infectious Canine Hepatitis (E) Equine Distemper

DISEASES

ETIOLOGY

- | | |
|--------------------------|-------------------------------|
| (i) Hard pad disease | (A) <i>Borrelia anserina</i> |
| (ii) Wool sorter disease | (B) <i>Bacillus anthracis</i> |
| (iii) IBR | (C) <i>Coxiella burnetti</i> |
| (iv) Q fever | (D) Bovine Herpes Virus |
| (v) Fowl Spirochaetosis | (E) Canine Distemper virus |

ITEMS

RELATED TERMS

- | | |
|-------------------------|-----------------------|
| (i) Brucellosis control | (A) Progesterone |
| (ii) Campylobacterosis | (B) Metronidazole |
| (iii) Trichomoniosis | (C) Estrogen |
| (iv) Follicle | (D) Vaccine S 19 |
| (v) Corpus Luteum | (E) StreptoPenicillin |

ITEMS

RELATED TERMS

- | | | |
|-------|-----------------------|---------------------------|
| (i) | Meloxicam | (A) Xylazine antagonist |
| (ii) | Congenital | (B) Equithesin |
| (iii) | Yohimbine | (C) Recto vaginal fistula |
| (iv) | Pudental nerve block | (D) NSAID |
| (v) | Anaesthesia for horse | (E) Ischio rectal fossa |

DRUGS

RELATED TERMS

- | | | |
|-------|------------|--------------------------|
| (i) | Xylazine | (A) Inhalant Anaesthesia |
| (ii) | Largactil | (B) Muscle Relaxant |
| (iii) | Ether | (C) Osmotic Diuretic |
| (iv) | Mephesisin | (D) Sedative |
| (v) | Mannitol | (E) Chlorpromazine HCl |

ITEMS

RELATED TERMS

- | | | |
|-------|--------------------|-----------------------------|
| (i) | Gastrulation | (A) Ear Ossicle |
| (ii) | Malleus | (B) Prostate |
| (iii) | Sex gland male dog | (C) Cock |
| (iv) | Synsarcosis | (D) Trilaminar Embryo |
| (v) | Spur | (E) Muscular Joint-Forelimb |

ORGANISM

SELECTIVE MEDIUM

- | | | |
|-------|---------------|--------------------------|
| (i) | Salmonella | (A) Mannitol salt Agar |
| (ii) | Staph. aureus | (B) LJ Medium |
| (iii) | Hemophilus | (C) Chocolate Agar |
| (iv) | E coli | (D) Brilliant Green Agar |

(v) *Mycobacterium tuberculosis* (E) EMB Agar

SPECIES	SPERM CONCENTRATION
(i) Buffalo bull	(A) 3000 million/ml
(ii) Ram	(B) 3600 million/ml
(iii) Stallion	(C) 250 million/ml
(iv) Cock	(D) 1000 million/ml
(v) Boar	(E) 150 million/ml

SOURCE	ANTIBACTERIAL AGENT
(i) <i>Strept. venezulae</i>	(A) Polymyxin / Colistin
(ii) <i>Micromonospora purpurea</i>	(B) Neomycin
(iii) <i>Bacillus colistinus</i>	(C) Gentamicin
(iv) <i>Bacillus subtilis</i>	(D) Bacitracin
(v) <i>Strept. fradiae</i>	(E) Chloramphenicol

DISEASES	RELATED TERMS
(i) Shipping fever	(A) Brucellosis
(ii) Tick fever	(B) Pasteurellosis
(iii) Splenic fever	(C) Salmonellosis
(iv) Malta fever	(D) Ehrlichiosis
(v) Enteric fever	(E) Anthrax

