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**B.V.Sc. & A.H. (Fourth Professional) Examination – 2023**  
**Veterinary Medicine Paper-II**

**Time: Three Hours**

**Maximum Marks: 100**  
**Weightage: 20**

Unit-5 (Bacterial, Fungal and Rickettsial Diseases)  
Unit-6 (Viral and Parasitic Diseases)  
Unit-7 (Jurisprudence, Ethics and Animal Welfare)

**Instructions:**

- 1) Attempt all questions
- 2) Answer of all questions is to be written in the space provided along with the question in question-booklet.
- 3) Overwriting is not allowed in the objective type question.

**Q.1 Fill in the blanks. (20x0.5 = 10)**

- 1.1 The degenerative change of the myocardium in FMD is k/a \_\_\_\_\_.
- 1.2 In \_\_\_\_\_ stage the cardinal sign of rinderpest will be evident.
- 1.3 \_\_\_\_\_ is the reservoir host for Pseudorabies in cattle.
- 1.4 Coma and convulsions are found in \_\_\_\_\_ stage of Japanese Encephalitis affected horse.
- 1.5 Prostaglandin F has \_\_\_\_\_ type of effect on bronchioles/lung.
- 1.6 Heave line is the characteristic feature of \_\_\_\_\_ in horse.
- 1.7 In canine distemper \_\_\_\_\_ bacteria is responsible for exudative pneumonia.
- 1.8 \_\_\_\_\_ type of rabies virus does not produce negri bodies.
- 1.9 Odema below the mandible in fascioliasis is K/a \_\_\_\_\_.
- 1.10 \_\_\_\_\_ is the lung worm of cattle.
- 1.11 The only definitive host of *Toxoplasma gondii* is \_\_\_\_\_.
- 1.12 Lymphoid leukosis in poultry occurs at the age of \_\_\_\_\_ week.
- 1.13 \_\_\_\_\_ strain is responsible for High Pathogenic Avian Influenza.
- 1.14 Fowl typhoid is caused by \_\_\_\_\_.
- 1.15 *Aspergillus flavus* produces \_\_\_\_\_ toxin.



- 1.16 \_\_\_\_\_ serological test is used to diagnose wool sorters disease.  
1.17 Hygroma is the common feature of \_\_\_\_\_ disease.  
1.18 The common name of actinobacillosis is \_\_\_\_\_.  
1.19 Distemper in equine is caused by \_\_\_\_\_.  
1.20 Veterinarian is considered as \_\_\_\_\_ witness

**Q.2 Choose the most suitable answer and write the number of the correct answer 1 or 2 or 3 or 4 in the space given against each sub question:**

(20x0.5 = 10)

- 2.1 Panting in FMD is linked to ( )  
1. Pituitary gland  
2. Thermo regulation  
3. Both of the above  
4. None of the above
- 2.2 The pathognomic sign of RP is ( )  
1. Zebra marking  
2. Tiger heart  
3. Cynotic mucosa  
4. Heaptomegaly
- 2.3 Leg form and buccal form are observed in ( )  
1. Cow pox  
2. Goat pox  
3. Pig pox  
4. Horse pox
- 2.4 Death in equine affected with EIA is due to ( )  
1. Hepatomegaly  
2. Renal failure  
3. Cardiac failure  
4. Brain stoke
- 2.5 Disease caused by Prion is ( )  
1. Scrapie  
2. PPR  
3. Sheep pox  
4. Bovine spongiform encephalopathy
- 2.6 The transient coneal opacity in Infectious canine hepatitis is K/a ( )  
1. Red eye  
2. Hepatitis blue eye  
3. Hepatitis pink eye  
4. Icteric eye
- 2.7 The drug used for treatment of amphistomiasis in cattle is ( )  
1. Ivermectin  
2. Oxyclozanide  
3. Oxytetracycline  
4. Tartar emetic



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- 2.8 In *A. Sium* affected animal "Milk spot" is seen in \_\_\_\_\_ ( )  
1. Heart  
2. Lung  
3. Liver  
4. Intestine
- 2.9 \_\_\_\_\_ are intra-erythrocytic bodies ( )  
1. Anaplasma marginale  
2. Ehrlichia  
3. Haemobartonella  
4. All of above
- 2.10 The dose of doxycycline in dog is ( )  
1. 5-10 mg/kg  
2. 0.5-0.1 mg/kg  
3. 15-20 mg/kg  
4. 1.5-2.0 mg/kg
- 2.11 *Babesia bigemina* causes Babesiosis in ( )  
1. Pig  
2. Dog  
3. Horse  
4. Cattle
- 2.12 The "Split Leg" stance is seen in \_\_\_\_\_ form of Marek's disease ( )  
1. Muscular form  
2. Visceral form  
3. Classical form  
4. Transitional form
- 2.13 Dose of Griseoflavin in horse is ( )  
1. 0.1 mg/kg  
2. 1.0 mg/kg  
3. 10 mg/kg  
4. 100 mg/kg
- 2.14 Thrush is seen in ( )  
1. Candidiasis  
2. Aspergillosis  
3. Norcardiosis  
4. Dermatophytosis
- 2.15 Intra dermal Johnin test is used for diagnosis of ( )  
1. Tuberculosis  
2. Para tuberculosis  
3. Anthrax  
4. Farcy
- 2.16 Which strain affects dog ( )  
1. *L. iceterohaemorrhagica*  
2. *L. canicola*  
3. *L. Pamona*  
4. All of above



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- 2.17 Strauss reaction is the diagnostic test for ( )  
1. Glanders  
2. Camphylobacteriosis  
3. Swine Erysipelas  
4. Dermatophthisis
- 2.18 Red water disease is caused by ( )  
1. *Cl. haemolyticum*  
2. *Cl. tetani*  
3. *Cl. chauvoei*  
4. *Cl. perfringens*
- 2.19 Adulteration of food or drink is punishable under Section ( )  
1. IPC 217  
2. IPC 272  
3. IPC 273  
4. IPC 274
- 2.20 Wound produced by a sharp cutting object such as a knife is k/a ( )  
1. Blunt wound  
2. Incised wound  
3. Penetrating wound  
4. Lacerated wound

**Q.3** Attempt any ten out of the following twelve questions. Answer of each question should be in 2 to 3 lines. (10x2.0= 20)

3.1 Passive immunity

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3.2 Zebra Markings

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3.3 Hepatomegaly

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3.4 Dumb form of rabies

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3.5. RBPT

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3.6. Heat stable & Heat Labile

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3.7. Vibriosis

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3.8. Pink eye

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3.9 Lamb dysentery

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3.10 Joint ill

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3.11. Fungicide

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3.12. Biological control of Host

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**Q.4 Attempt any six out of the following eight questions. Answer of each question should be in 8 to 10 lines. (6 x 6.0 = 36)**

4.1 Schistosomiasis in ruminants

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4.2 Diagnosis and

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4.2 Diagnosis and management of Aflatoxicosis

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4.3 Diagnosis of sub clinical mastitis

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4.4. Etiology of Avian Influenza

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4.5 Etiopathogenesis of IIS in cattle

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4.6. Vaccination of Brucellosis

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4.7. Management of PPR in goat

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