**F. Y. B. Sc.**

**Medical & Forensic Zoology Question Bank**

**For Semester I Exam**

**Q .1) Answer in one sentence:-**

Phenotype.

 Dihybrid cross.

Alleles.

 Universal Donar Blood Group.

Vector.

 Viral Influenza

Genotype.

Test Cross.

 Universal Acceptor Blood Group.

 Parasite.

 Mutualism.

 Genetics.

 Monohybrid cross.

Back Cross.

 Parthenogenesis.

 Host.

 Commensalism.

Medical Zoology

Multiple Alleles

Epistasis.

Rh Factor or antigen

Symbiosis.

Zoonosis.

Sex linked inheritance.

Parasiotology.

**Q. 2) Attempt the following:-**

Describe erythroblastosis foetalis.

Give an account of causative agent, occurrence, source, symptoms and mode of infection of small pox.

Describe structural changes in chromosomal morphology.

What is Medical Zoology? Describe different branches of Medical Zoology.

Describe Mendelian laws of inheritance with the help of Punnet square.

What is Angiography? Comment on the use & working principle.

Describe XX – XOsystem of sex determination.

Give an account of Dengue.

What is Dialysis? Comment on the use & working principle.

What is Chromatin? Describe types of Chromatin.

Give an account of causative agent, occurrence, source, symptoms and mode of infection of cholera.

 Describe the concept of dominance and codominance.

 Describe law of dominance with the help of Punnet square.

Describe XX – XYsystem of sex determination.

Describe erythroblastosis foetalis.

Give an account of causative agent, occurrence, source, symptoms and mode of infection of typhoid.

 Give an account of Chicken Guinea.

Give an account of Tuberculosis.

**Q.3)** **Write notes on following.**

Gynandromorphism.

Turner’s Syndrome.

Angioplasty.

Hepatitis.

Colorblindness.

 Polytene Chromosome

Inheritance of Rh antigen.

 Monosomy.

Angiography.

Incomplete Dominance.

Viral Influenza.

Incomplete Dominance.

Viral Influenza.

Trisomy.

Giant Chromosome

Euploidy.