



Syllabus for the post of JUNIOR TECHNICAL ASSISTANT (Animal House)
(WRITTEN TEST & SKILL TEST)

General anatomy (different body parts and organs) and Physiology- digestive system, urinary system, respiratory system, circulatory system, skeletal system, nervous system, skin, sense organs, muscular system, behavior, food, nutrition & housing requirement of laboratory rodents. Biomedical waste disposal methods and guidelines, different methods use for sterilization of animal feed, water, bedding materials, equipment and experimental area or animal room. Organ collection and storage methods for histopathology, tissue processing, staining. Methods of Anesthesia and Euthanasia use in laboratory animals. Ethics and Indian guidelines for animal experimentation, Animals husbandry practices, different animal restraining methods, Environmental and physical requirements for experimental rodents. Animal Welfare Board of India - their role, functions and current status, Role and function of CCSEA. Diseases of small laboratory rodents, Clinical manifestation, diagnosis, prevention and control of zoonotic diseases. Personal hygiene, Biosafety Consideration, Occupational Health Hazards and Disaster Management in Laboratory Animal Facilities.
