

**SEMESTER-VI**

**SKILL ENHANCEMENT COURSES -SEC-04  
BZO-S 602: PUBLIC HEALTH AND HYGIENE  
(Credits 2)  
THEORY**

**Lectures: 30**

**M.M.: 70**

**UNIT-I**

**Scope of Public health and Hygiene** – nutrition and health – classification of foods – Nutritional deficiencies - Vitamin deficiencies. (08 Lectures)

**UNIT-II**

**Environment and Health hazards** – Environmental degradation. (06 Lectures)

**UNIT-III**

**Environmental Pollutions** and associated health hazards. (04 Lectures)

**UNIT-IV**

**Communicable diseases** and their control measures such as Measles, Polio, Chikungunya, Rabies, Plague, Leprosy and AIDS. (06 Lectures)

**UNIT\_V**

**Non-Communicable diseases** and their preventive measures such as Hypertension, Coronary Heart diseases, Stroke, Diabetes, Obesity and Mental ill-health. (06 Lectures)

**Note:** The question paper shall consist of two sections (A & B). Section A shall contain ten short answer type questions of six marks each and student has to attempt any five questions in about 150 words each. Section B shall consist eight long answer type questions of ten marks each and student shall be required to attempt any four questions in detail. Questions shall be uniformly distributed from the entire syllabus. The previous year paper can be used as a guideline and the following syllabus should be strictly followed while setting the question paper.

## **PRACTICAL –BZO-C 651**

**M.M. 70**

1. Study of animal house: set up and maintenance of animal house, breeding techniques, care of normal and experimental animals.
2. Examination of vaginal smear rats from live animals.
3. Surgical techniques: principles of surgery in endocrinology. Ovariectomy, hysterectomy, castration and vasectomy in rats.
4. Examination of histological sections from photomicrographs/ permanent slides of rat/human: testis, epididymis and accessory glands of male reproductive systems; Sections of ovary, fallopian tube, uterus (proliferative and secretory stages), cervix and vagina.
5. Human vaginal exfoliate cytology.
6. Sperm count and sperm motility in rat
7. Study of modern contraceptive devices