

SUBJECT - HEALTH EDUCATION AND COMMUNITY PHARMACY

Branch/Discipline - Pharmacy

Minimum Number of class tests to be conducted - 3

Theory (50 hours)

Course Contents -

1. Concept of health-Definition of physical health, mental health, social health, spiritual health determinates of health, indicators of health, concept of disease, natural history of diseases, the disease agents, concept of prevention of diseases.
2. Nutrition & health-Classification of foods, requirements, diseases induced due to deficiency of proteins, vitamins, & minerals-treatment & prevention.
3. Demography & family planning - Demography cycle, fertility, family planning, contraceptive methods, behavioral methods, natural family planning method, chemical method, mechanical methods, hormonal contraceptives, population problem of India.
4. First aid-Emergency treatment in shock, snake-bite, burns, poisoning, heart disease, fractures & resuscitation methods. Elements of minor surgery & dressings.
5. Environment & health-Sources of water supply, water pollution, purification of water, health & air, noise, light-solid waste disposal & control medical entomology, arthropod borne disease & their control, rodents, animals & diseases.
6. Fundamental principles of microbiology - Classification of microbes, isolation, techniques of organisms of common diseases.
7. Communicable diseases-Causative agents, mode of transmission & prevention.
 - a. Respiratory infections- Chicken pox, measles, influenza, diphtheria, whooping cough & tuberculosis.
 - b. Intestinal infections: Poliomyelitis, Malaria, Filariasis.
 - c. Arthropod borne infections-Plague, Malaris, Filariasis.
 - d. Surface infections-Rabies, Thachoma, Tetanus, Laprosy.
 - e. Sexually transmit ion diseases-Syphilis, Conorrhoea, AIDS.
8. Non-communicable diseases-Causative agents, prevention, care & control. Cancer, Diabetes, Blindness, Cardiovascular diseases.
9. Epidemiology-Its scope, methods, uses, dynamics of disease transmission. Immunity & immunizations Immunological products & their does schedule. Principles of disease control & prevention, hospital acquired infection, prevention & control. Disinfection, types of disinfection procedures, for faeces, urine, cu room, liron, dead-bodies, instruments.