

SABBHAVNA COLLEGE OF MANAGEMENT & TECHNOLOGY VILLAGE JALALDIWAL, RAIKOT , LUDHIANA (PB)

**Subject Name - HEALTH EDUCATION COMMUNITY PHARMACY
Subject Code-1996**

1. Concept of health -

Definition of physical health, mental ;health, social health, spiritual health - determinants of health, indicators of health, concept of disease, natural history of diseases, the disease agents, concept of prevention of diseases.

2. Nutrition and health -

classification of foods, requirements, diseases induced due to deficiency of proteins, vitamins and minerals - treatment and prevention.

3. Demography and ;family planning -

Demography cycle, fertility, family planning, contraceptive methods, behavioral methods, hormonal contraceptives, population problem of India.

4. First aid -

Emergency treatment in shock, snakebite, burns, poisoning, heart disease, fractures and resuscitation methods. Elements of minor surgery and dressings.

5. Environment and health-

sources of water supply, water pollution, purification of water, health and air, noise, light-solid waste disposal and control-medical entomology, arthropod borne diseases and their control, rodents, animals and diseases.

6. Fundamental principles of microbiology-

classification of microbes, isolation, staining techniques of organisms of transmissions and prevention.

7. Communicable diseases-

causative agents, mode of transmission and prevention.

(a) Respiratory infections - chicken pox, measles, influenza diphtheria, whooping cough and tuberculosis.

(b) Intestinal infections : poliomyelitis, Hepatitis, cholera, Typhoid, Food poisoning, Hookworm infections.

(c) Arthropod borne infections - Plague, malaria, Filariasis.

(d) Surface infections - Rabies, trachoma, Tetanus, Leprosy.

(e) Sexually transmitted diseases - Syphilis, Gnorrhoea, AIDS.

8. Noncommunicable diseases -

Causative agents, prevention care and control: Cancer, Diabetes, Blindness, cardiovascular diseases.

9. Epidemiology -

Its scope, methods, uses, dynamics of disease transmission. Immunity and immunization: Immunological product and their dose schedule. Principles of disease control and prevention, hospital acquired infection, prevention and control Disinfection, types of disinfection, disinfection procedures, for faces, urine, sputum, room, linen, dead-bodies, instruments.

