

CERTIFICATE COURSE
DEPARTMENT OF ZOOLOGY

COURSE NAME: LFCCZOL03 Health Care Management

Objectives:

1. Enable students to identify different types of diseases and to take precautions.
2. To develop skill in basic diagnostic techniques.
3. To incubate the importance of health, nutrition and first aid.

Duration: 30 hours(Theory 20+Practical 10)

Syllabus:

Theory (20 hrs)

1. Chapter I - Concept of Health (2 hrs)
 - Dimensions of Health
 - Health Education.
 - Objectives of Health Education
 - Key Factors That Determine Health.
2. Chapter II - Spread and Prevention of Infection (8 hrs)
 - Common Diseases - Viral, Bacterial, Protozoan. Fungi. Worms/ Helminthes
 - Mode /Spread of infection - from living sources, nonliving sources, parasites and vectors
 - Prevention of infections
3. Chapter III - Nutrition (4 hrs)
 - Nutrients
 - Balanced Diet
 - Nutritional Disorders
4. Chapter IV - Demography and Family Planning (2 hrs)
5. Chapter V - First Aid (4 hrs)
 - Shock
 - Snake Bites
 - Burns
 - Fractures
 - Poisoning
 - CPR

Practical (10 hrs)

- Blood group detection
- Blood cells identification
- Wound dressing
- First aid for burns
- First aid for snake bite
- First aid for dog bite

REFERENCES BOOK

1. Human Anatomy, Physiology and Health Education by Jayaveera K N. and Vrushabendra Swamy B. M. published by S Chand & Company Ltd. New Delhi.
2. Textbook of Medical Physiology by Guyton published by Elsevier Saunders.
3. Ganong's Review of Medical Physiology by Barret et al., published by Mc Graw Hill LANGE
4. Leaflets of Kerala State Disaster Management Authority