



The Islamia University of Bahawalpur

Department of Entomology

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ENT-711 MEDICAL AND VETERINARY ENTOMOLOGY 3(2-1)

LEARNING OUTCOMES:

To provide the knowledge of identification, biology, epidemiology of insects and other arthropods of medical importance.

THEORY:

Introduction; epidemiology; identification, biology and management of insects and other arthropods of medical and veterinary importance; insect and some other arthropods transmitting diseases, their symptoms and diagnosis; venoms, defense secretions and allergens. Economics of livestock and poultry pests with emphasis on different flies, midges, mosquitoes, ticks, mites, beetles and other important insects of medical and veterinary importance.

PRACTICAL:

Surveillance, collection, identification and management of different insects and arthropod pests of medical and veterinary importance in relation to diseases of man and domestic animals.

RECOMMENDED BOOKS:

1. Aldridge, B. 2004. Medical Entomology: Text Book of Public Health and Veterinary. Chapman and Hall, London.
2. Busvine, J.R. 1980. Insects and Hygiene. 3rd Ed. Chapman and Hall, London.
3. Harwood, R.F. and James, M.T. 1979. Entomology in Human and Animal Health. 7th Ed. Macmillan Publishing Co., Inc., N.Y.
4. James, M.T. and Hardwood, R.F. 1969. Herms Medical Entomology. The Macmillan Company Canada.
5. Kettle, D.S. 1995. Medical and Veterinary Entomology. (2nd Ed.), CAB International, UK.

6. Mullen, G. 2009. Medical and Veterinary Entomology. 2nd Ed. Academic Press.
7. Service, M. 2004. Medical Entomology for Students. Cambridge University Press.
8. Williams, R.E. 2009. Veterinary Entomology: live stock & Companion Animals CRC press, 343 pp.
9. Tyagi, B.K. 2003, Medical Entomology: A Hand book of medically Important Insects & other arthropods Scientific Publisher 262 pp
10. Eldridge, F.B. & Edman, J.D. 2003. Medical Entomology: A textbook on Public Health and Veterinary problems caused by Arthropods. Kluwer Academic Publishers 672 pp