Mansoura University
Faculty of Medicine
Parasitology Dept

LOG BOOK

Parasitology Department

(2014-2015)

LOGBOOK for Medical Students

Mansoura University

Faculty of Medicine

Medical Parasitology Department

Medical Parasitology Department

3rd Year Medical Students

Student's Logbook

Personal data

Student's name:

Student's ID:

Section number:

Section supervisors:

Preface

Dear students

Welcome to the Department of Medical Parasitology at the beginning of the third year of medical education. The Department's mission is to enhance the international stature of Mansoura Faculty of Medicine by combining high quality teaching with internationally recognized research.

This booklet is a document of your attendance and your activities during the practical classes (specimen and slide identification).

Lastly, I wish you a useful and applicable study of medical parasitology during this year.

Head of the department
Prof Dr. Hosam El-Din Ibrahim El-Nemr

A. Basic information:

Title: Medical Parasitology

Total marks: 150

Code: PAR

Program (s) on which this course is given: M.B.B.cH

Year / level of program: 3rd year Medical students**.**

Lectures: 2 hours/week

Practical: 2 hours/week

Total teaching hours: 4 hours / week.

B- Professional Information:

1- Intended Learning Outcomes of Course (ILOs)

On completion of the course, students will be able to:

- Distinguish the morphological characteristics of medically important parasites (protozoa, helminthes, arthropods).
- Describe the life cycles, methods of transmission, habitat, infective and diagnostic stages of parasites.
- Explain host-parasite interaction, how parasites harm their hosts and the major immunological responses underlying this process.
- Describe the different diagnostic techniques for detecting parasites.
- Explain what drug resistance is how it can develops and how it can be delayed or managed.
- Know the different prophylactic strategies to protect host against parasitic diseases

2- Intellectual Skills:

The student must learn how to:-

-Solve problem based exercises .

-Interpret the clinical and laboratory findings to reach the proper diagnosis .

-Design guidelines for a control program for a particular parasitic disease

3-Professional and Practical Skills:

By the end of course student must be able to :-

- Identify parasites, their different stages morphology.
- Examine mounted slides and identify their contents.
- Know how to manipulate infectious material in a lab or hospital.
- Apply the principles of diagnosis, treatment and control of parasitic diseases.

C-Student assessment:

method of assessment	Marks	percentage of total
Mid term evaluation	10	6.7%
Mid year examination	15	10 %
Log book	5	3.3 %
Practical	30	20 %
Oral examination	15	10 %
Final written examination	75	50 %

D- Teaching and Learning Methods:

- Lectures.
- Practical lessons.
- Tutorial sessions after the practical lessons.
- Enhancing self learning of students by requesting them to write short essay on one of the parasitic diseases using textbooks, journals, or web-sites.

Curriculum Content

Part I:

Introduction & helminthology

-Introduction to parasitology

-Helminthology:

***Trematoda**

-Introduction & Fasciola species

-Heterophyes heterophyes

-Paragonimus westermani

-Schistosoma species

***Cestoda**

-Introduction

-Diphyllobothrium species

-Taenia species

-Echinococcus species & Multiceps multiceps

-Hymenolepis species

-Extraintestinal Cestodes

***Nematoda**

Intestinal nematodes

-Introduction

-Ascaris lumbricoides

-Trichuris trichiura

-Enterobius vermicularis

-Hook worms

-Trichostrongylus & Strongyloides

-Capillaria philippinensis

-Trichinella spiralis

Tissue nematodes

-Dracunculus medinensis

-Wuchereria bancrofti & Brugia malayi

-Onchocerca volvulus & Loa loa

-Larva migrans (visceral and cutaneous).

Part 2:

Protozoology

Intestinal protozoa

- Introduction & Entamoeba histolytica

-Commensal amoebae & Balantidium coli

-Giardia lamblia

-Cryptosporidium parvum

-Cyclospora & Isospora

-Urogenital protozoa

Blood & tissue protozoa

-Plasmodium species

-Leishmania species

-Trypanosomes

-Toxoplasma gondii

-Free living amoebae

- Opportunistic protozoa

Part 3:

Entomology

-Introduction & Mosquitoes
-Phlebotomus spp, Simulidae ceratopogonidae & Tabanidae
-Muscidae
-Calliphoridae& Oestridae, Myiasis
-Fleas –Lice –Bugs
-Ticks
-Mites
-Scorpion –Cyclops
-Control of arthropods & Insecticides

Attendance of Classroom Teaching

Date	Topic	Drawing of practical lessons	Answer of MCQs	Staff name & signature
1st week				
2nd week				
3rd week				
4th week				
5th week				
6th week				
7th week				
8th week				
9th week				

10th week				
11th week				
12th week				
13th week				
14th week				
15th week				
16th week				
17th week				
18th week				
19th week				
20th week				

21st week				
22nd week				
23rd week				
24th week				
25th week				
26th week				
27th week				
28th week				
29th week				
30th week				

Questions and comments

Self learning
(Essay presentation)

Self learning

Practical Studies

Formative assessment