

G 1879

(Pages : 2)

Reg. No.....

Name.....



**SECOND PROFESSIONAL M.B.B.S. DEGREE EXAMINATION, JUNE 2009**

**MICROBIOLOGY—Paper II (VIROLOGY, PARASITOLOGY, MYCOLOGY AND CLINICAL MICROBIOLOGY)**

Time : One Hour and a Half

Maximum : 32 Marks

*Answer Sections A-II and B in separate answer-books.  
Draw diagrams wherever necessary.*

**Section A-II**

III. Draw and label :

- 1 Microfilaria.
- 2 Hydatid cyst.

(2 × 1 = 2 marks)

IV. Write short answers on :

- 1 What is germ tube test ?
- 2 What is cyclopes ? Name *two* parasites in which it act as intermediate hosts.
- 3 What is Paul Bunnell test ?
- 4 What is kyasanur forest disease ?

(4 × 1 = 4 marks)

V. Write short notes on :

- 1 Hepatitis C virus.
- 2 Rhinosporidiosis.
- 3 Lab diagnosis of Hookworm.

(3 × 2 = 6 marks)

**Section B**

VI. Read this passage and answer the following questions :

A 35 year old man presented with history of fever, diarrhoea and loss of weight 3 months duration. He gave history of sexual exposure to commercial sex worker 10 years ago

- 1 What is your diagnosis ?
- 2 What etiological agent you will consider ?
- 3 What diagnostic tests one should perform ?
- 4 What advice will you give to relatives ?
- 5 Name *three* drugs used for treatment.

(1 + 1 + 3 + 3 + 2 = 10 marks)

**Turn over**

VII. Write short answers on :

- 1 What is black water fever ?
- 2 What is cytopathic effect ? Give *two* examples.
- 3 What is opportunistic fungi ? Give *two* examples.
- 4 What is presumptive coliform count ?

(4 × 1 = 4 marks)

VIII. Write short notes on :

- 1 Cryptococcus neoformans.
- 2 Dengue fever.
- 3 Black water fever.

(3 × 2 = 6 marks)