

G 5244-B

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Reg. No.....

Name.....



SECOND PROFESSIONAL M.B.B.S. DEGREE EXAMINATION, APRIL 2007

Faculty of Medicine

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

Time : One Hour and a Half

Maximum : 32 Marks

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

Section A-II

III. Draw and label :

- 1 *Microfilaria bancrofti*.
- 2 Hepatitis B virus.

(2 × 1 = 2 marks)

IV. Short answers questions :

- 1 Name *four* opportunistic infections associated with AIDS.
- 2 Name *four* clinical types of Dermatophytosis.
- 3 Forms of *Plasmodium Falciparum* seen in peripheral blood.
- 4 *Four* common urinary pathogens.

(4 × 1 = 4 marks)

V. Write short notes on :

- 1 Non-neural Rabies vaccines.
- 2 *Candida albicans*.
- 3 D.E.C. provocation test.

(3 × 2 = 6 marks)

Section B

VI. Read the following paragraph and answer the questions :—

A 25-year old presents with fever of over 1 month duration, generalised weakness and loss of appetite. On examination, he was febrile, toxic leptosplenomegaly present.

- 1 What is your clinical diagnosis ? Define.
- 2 Name the patterns of fever of diagnostic importance.
- 3 Name *four* common causes of prolonged fever in Kerala.
- 4 How will you proceed with the laboratory diagnosis ?
- 5 Name the serological tests which will help in diagnosis.

(1 + 2 + 2 + 4 + 1 = 10 marks)

Turn over

VII. Short answer questions :

- 1 Define inclusion bodies. Give *two* examples.
- 2 What are Prions ? Name *two* human prion diseases.
- 3 Name *four* Helminths that reside in the small intestine of man.
- 4 Pulse Polio programme.

(4 × 1 = 4 marks)

VIII. Write short notes on :

- 1 *Cryptococcus neoformans*.
- 2 Nosocomial infections.
- 3 Antibiotic sensitivity testing.

(3 × 2 = 6 marks)