

F 9490

(Pages : 2)

Reg. No.....

Name.....

**SECOND PROFESSIONAL M.B.B.S. DEGREE EXAMINATION
DECEMBER 2008**

MICROBIOLOGY—Paper II

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 HIV Virus.
- 2 Candida Albicans—Gram Staining.

(2 × 1 = 2 marks)

IV. Short answer questions :

- 1 Name *four* opportunistic infections in AIDS patients.
- 2 Name *four* sexually transmitted micro-organisms
- 3 Name *four* dimorphic fungi.
- 4 List *four* nosocomial pathogens with disease caused.

(4 × 1 = 4 marks)

V. Write short notes on :

- 1 Larva migrans (MIGRANS)
- 2 Complications of Falciparum Malaria.
- 3 Prophylaxis of Hepatitis B

(3 × 2 = 6 marks)

Section B

VI. A three year old child presents with fever and weakness of left lower Limb. The mother gives no history of immunisation. A provisional diagnosis of acute flaccid paralysis was made. (AFP)

- 1 Name the virus infection presenting as flaccid paralysis.
- 2 Describe the pathogenesis of the virus.
- 3 Describe the different methods to prevent this disease with schedules for immunisation.
- 4 What is herd immunity ?
- 5 Name the other vaccines to be given to a three year old iron-immunised child.

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

Turn over

VII. Short answer questions :

- 1 Define Prions. Name *two* human diseases caused.
- 2 Define Inclusion bodies. Name *two* with disease.
- 3 Name *four* zoonotic diseases.
- 4 List *four* vector borne diseases with vector.

(4 × 1 = 4 marks)

VIII. Write short notes on :

- 1 Trichomonas vaginalis.
- 2 Laboratory diagnosis Bancroftian filariasis.
- 3 Laboratory diagnosis of HIV infection and AIDS.

(3 × 2 = 6 marks)