

Sub. Code : 4062

SECOND M.B.B.S DEGREE EXAMINATION.

Revised (Non-Semester) Regulations

Paper II — VIROLOGY, MYCOLOGY,
PARASITOLOGY — APPLIED MICROBIOLOGY

Time : Three hours

Maximum : 100 marks

Theory : Two hours and forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) Describe briefly the Life Cycle, Pathogenesis, Clinical Conditions and Laboratory Diagnosis of *plasmodium falciparum*. Add a note on its treatment.

$$(5 + 5 + 8 + 2 = 20)$$

(2) Classify Human Herpes Viruses. Mention the pathogenesis and Clinical conditions produced by them. Add a note on their treatment. (4 + 4 + 4 + 3 = 15)

(3) Describe the Milk borne diseases and their bacteriological examination in a laboratory. Add a note on sterilization of Milk. (4 + 8 + 3 = 15)

II. Write short notes on:

$(6 \times 5 = 30)$

- Hydatid Cyst
- Mycotoxins
- Chikungunya Fever
- Germ tube Test
- Antigenic Shift and Drift
- PCR