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[KP 541] **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 it treatment.

(5 + 5 + 8 + 2 = 20)

(2) Classify Human Herpes Viruses. Mention the pathgenesis 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 × 5 = 30)

(a) Hydatid Cyst

(b) Mycotoxins

(c) Chikungunya Fever

(d) Germ tube Test

(e) Antigenic Shift and Drift

(f) PCR.

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