

[KR 541]

Sub. Code : 4062

SECOND M.B.B.S. DEGREE EXAMINATION.

(Revised Regulations)

(Non-Semester)

**Paper II — VIROLOGY, MYCOLOGY,
PARASITOLOGY AND APPLIED MICROBIOLOGY**

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essay :

1. Enumerate different haemoflagellates and their morphological forms. Write about life cycle, pathogenesis, clinical features and laboratory diagnosis of leishmaniadonovani. (20)

2. Classify different Hepatitis Viruses. Write pathogenesis, clinical features and laboratory diagnosis, of Hepatitis B Virus. Add a note on prophylaxis against Hepatitis B Virus. (15)

3. Classify different Arboviruses. Write pathogenesis, clinical features, complications and laboratory diagnosis of dengue virus. (15)

4. Write Short notes on : (6 × 5 = 30)

- (a) Mycetoma.
- (b) Opportunistic fungal infections.
- (c) Eijkman test.
- (d) Morphology and antigenic structure of HIV.
- (e) Laboratory diagnosis of extra intestinal amoebiasis.
- (f) Microfilaria.