

RUHS**Second Year MBBS Examination****II MBBS MICROBIOLOGY PAPER II**

Time: 3 hours Max Marks: 40

Date: 19-07-2019

Instructions: Instructions: Question 1 in Section A and Question 5 in Section B are Compulsory.

Attempt any two questions from rest of the questions in each section. (Use separate answer sheet for each section)

Section 1

1. Discuss immune pathogenesis of HIV infection. Describe laboratory methods for diagnosis of HIV infection. (A. 577) (10)

2. Write short note (5)

a) Pulmonary aspergillosis (A. 608)

b) Serological markers of HBV (Hepatitis B Virus) infection (A. 541, 547-548)

3. Write short note on: (5)

a) Epidemiology & laboratory diagnosis of influenza virus infection (A. 499)

b) Life cycle of W. Bancroft II

4. Write short note on (5)

a) Mycetoma (A. 600)

b) Complications of Falciparum malaria (B. 124)

Section 2

5. Enumerate common bacterial causing pyogenic meningitis in different age group. Describe in details about laboratory diagnosis of meningitis. (A. 229, 667) (10)

6. Write in brief on: (5)

a) Pathogenesis & laboratory diagnosis of amoebic liver abscess (B. 29)

b) What is nosocomial infection? Enumerate bacteria commonly associated with nosocomial infections. (A. 644)

7. Write in brief on: (5)

a) Principle and applications of polymerase chain reaction (A. 65)

b) Oriental sore

8. Write in brief on: (5)

a) Dermatophytes (A. 596, 597)

b) Oncogenic viruses (A. 565)

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