

RUHS Second MBBS (Main) Examination**Microbiology Paper -II****Date: February 2018 Time: 3 hours Max Marks: 40**

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 - A

1. Enumerate the viruses affecting the liver. Discuss the pathogenesis and laboratory diagnosis of hepatitis B virus. (A. 546) (10)
2. Write Short notes on the following: (4 x 1 1/4 = 5)
 - a) Prophylaxis against polio virus (A. 488)
 - b) Superficial mycosis (A. 595)
3. Write Short notes on the following: (4 x 1 1/4 = 5)
 - a) Laboratory diagnosis of dengue virus infection (A. 523)
 - b) Life cycle of E.histolytica (B. 24)
4. Write Short notes on the following: (4 x 1 1/4 = 5)
 - a) Enlist oncogenic viruses (A. 565)
 - b) Define antigenic shift in influenza virus (A. 499)
 - c) Occult filariasis (B. 244)
 - d) Morphology of rabies virus (A. 530)
 - e) Enlist parasites causing opportunistic infections in AIDS cases (A. 608)

SECTION B

5. Enumerate various causes of pyrexia of unknown origin (PUO) and discuss the detail laboratory. (10)
6. Write Short notes on the following (4 x 1 1/4 = 5)
 - a) Laboratory diagnosis of HIV (A.577)
 - b) Laboratory diagnosis of Malaria (B. 124)
7. Write Short notes on the following; (4 x 1 1/4 = 5)

- a) Candidiasis (A. 611)
 - b) Hydatid cyst (B. 163)
8. Write Short notes on the following; (4 x 1 1/4 = 5)
- a) Enlist the organisms causing infective diarrhea. (A. 677)
 - b) Onychomycosis
 - c) Enlist four parasites infections with CNS involvement. (B. 9)
 - d) Enlist four fungi causing systemic mycoses
 - e) Enlist four complications caused by ascaris lumbricoides.

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