

**RUHS Second MBBS (Main) Examination****Microbiology Paper -I****Date: January 2013 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 sexually transmitted diseases. Describe pathogenesis and laboratory diagnosis of HIV infection. (A.577) (10)
2. Write Short notes on the following: (2 1/2 x 2 = 5)
 - a) Oncogenic viruses (A. 565)
 - b) Neurocysticercosis
3. Write Short notes on the following: (2 1/2 x 2 = 5)
 - a) Dengue haemorrhagic fever and dengue shock. (A. 523)
 - b) Occult filariasis (B. 244)
4. Write briefly on following (5 x 1 = 5)
 - a) Negri bodies (A. 534)
 - b) What is "Delhi Boil"? (B. 85)
 - c) Enumerate the causative agents of eumycetoma (A. 600)
 - d) Types and schedule of hepatitis B vaccine. (A. 548)
 - e) Define and give two examples of Zoonotic diseases. (A. 684)

SECTION - B

5. Describe pathogenesis, complication, and laboratory diagnosis of plasmodium falciparum malaria. (B. 124) (10)
6. Write Short notes on the following: (2 1/2 x 2 = 5)
 - a) Bronchopulmonary aspergillosis (A. 608)
 - b) Amoebic liver abscess (B. 29)
7. Write Short notes on the following: (2 1/2 x 2 = 5)





- a) Describe various stains and culture media used for diagnosis of fungal infection (A. 592)
- b) Interferon (A. 155)
- 8. Write briefly on the following; (5x 1 = 5)
 - a) Enumerate clinical forms of dermatophytosis based on site of infection (A. 596)
 - b) Name various human herpes viruses (A. 467)
 - c) Principle of polymerase chain reaction (A. 65)
 - d) Enumerate fungi causing keratomycotic (A. 614)
 - e) Concentration techniques for stool parasites (B. 263)

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