

RUHS Second MBBS (Main) Examination**Microbiology Paper -II****Date: January 2015 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. Classify Arboviruses. Describe pathogenesis and laboratory diagnosis of

Dengue (A. 523) haemorrhagic fever. (A. 523) (10)

2. Write Short notes on the following: (2 1/2 x 2 = 5)

- a) Cerebral malaria (B. 120-126)
- b) Antigenic shift and antigenic drift (A. 499)

3. Describe briefly (2 x 2)

- a) Hydatid cyst (B. 163)
- b) Schistosoma haematobium (A.59)

4. Describe briefly (2 x 2)

- a) Paradoxical carrier (A. 72)
- b) Diseases caused by mites
- c) LD bodies (B. 69)
- d) Thick and thin blood smear (A. 124)
- e) Window period (A. 579)

SECTION B

5. Enumerate Organisms causing acute pyogenic meningitis and describe laboratory diagnosis of acute pyogenic meningitis (A.229, 667) (10)

6. Write Short notes on the following; (2 x 2 1/2 = 5)

- a) Candida albicans (A. 595, 612 622)
- b) MMR vaccine (A. 509)

7. Write Short notes on the following; (2 x 2 1/2 = 5)

- a) Toxoplasmosis (B. 129)
 - b) Organisms causing mycetoma (A. 600)
8. Write Short notes on the following; (5 x 1 5)
- a) Concentration methods of stool for parasites (B. 263)
 - b) Cysticercus cellulose (B. 154, 158) (C. 113)
 - c) Negri bodies (A. 534)
 - d) Dermatophytes (A. 596, 597)
 - e) Cyclops (B. 148)

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