

RUHS Second MBBS (Main) Examination**Microbiology Paper -II****Date: January 2011 Time: 3-hour 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 picornaviruses. Discuss in detail of transmission and pathogenesis of poliovirus and immunoprophylaxis against poliomyelitis (10)
2. Write briefly on the following: (2 1/2 x 2 = 5)
 - a) Cultivation of virus (A. 434)
 - b) Occult filariasis (B. 244)
3. Write Short notes on the following: (2 1/2 x 2 = 5)
 - a) Cysticercoses cellulose (B. 154) (C.113)
 - b) Lab diagnosis of P. falciparum infection
4. Write Short notes on the following: (2 1/2 x 2 = 5)
 - a) Rhinosporidiosis (A. 603)
 - b) Dermatophytes (A. 596, 597)

SECTION B

5. Write briefly on the following: (2 x 3 = 6)
 - a) Zoonotic viral disease (A. 684)
 - b) E. vermicularis
6. Write briefly on the following: (2 x 3 = 6)
 - a) Passive immunity (A. 81)
 - b) Casoni's test
7. Write briefly on the following: (2 x 3 = 6)
 - a) Interferon (A. 155)
 - b) IgA (A. 97 Fig. 11.4) (C. 117)

8. Write Short notes on the following; (2 x 3 = 6)

a) *Candida albicans* (A. 595, 612, 622)

b) *Naegleria fowleri* (B. 44, 46)

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