

RUHS Second MBBS (Main) Examination**Microbiology Paper -I****Date: January 2012 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. Name various organisms causing sore throat. How will you diagnose it in the laboratory? (A. 239) (10)
2. Write Short notes on the following: ($2 \frac{1}{2} \times 2 = 5$)
 - a) Bacterial cell wall (A. 17)
 - b) Autoclave (A. 31)
3. Describe differences between the following; ($2 \frac{1}{2} \times 2 = 5$)
 - a) Anaerobiosis (A. 46)
 - b) Elisa (A. 114)
4. Discuss delayed hypersensitivity reaction (Type - IV) (A. 167) (5)

SECTION B

5. Name various organisms causing urinary tract infection. Discuss the laboratory diagnosis of this condition. (A. 277, 670) (10)
6. Write Short notes on the following: ($2 \frac{1}{2} \times 2 = 5$)
 - a) Clostridium Difficile (A. 265)
 - b) Laboratory diagnosis of Enteric Fever (A. 296, 681)
7. Write Short notes on the following: ($2 \frac{1}{2} \times 2 = 5$)
 - a) Standard tests for Syphilis (STS) (A. 373)
 - b) Tuberculin Test (A. 350)
8. Write Short notes on the following: ($2 \frac{1}{2} \times 2 = 5$)
 - a) Endotoxin (A. 75)
 - b) Nosocomial Infections (A. 644)