

**RUHS Second MBBS (Main) Examination****Microbiology Paper -II****Date: January 2014      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)

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**SECTION - A**

1. Classify Hepatitis viruses. Describe the laboratory diagnosis of infections caused by hepatitis B virus. (A. 541, 547-548) (10)

2. Write Short notes on the following: ( $4 \times 1 \frac{1}{4} = 5$ )

a) Post exposure prophylaxis for HIV (A. 579)

b) Liver Flukes (C. 137-140)

3. Describe briefly ( $2 \times 2 \frac{1}{2} = 5$ )

a) Laboratory diagnosis of KALA-Azar (B. 71)

b) NIH SWAB

4. Describe briefly ( $1 \times 5 = 5$ )

a) Various organisms causing infective endocarditis (A. 402)

b) Normal flora of skin

c) Diseases caused by ticks

d) Name various bile stained ova found in stool

e) Casoni's test (B. 163)

**SECTION B**

5. Enumerate various organisms causing urinary tract infection. Describe in detail the laboratory diagnosis of urinary tract infection. (A. 277, 670) (10)

6. Describe briefly ( $2 \times 2$ )

a) Larva migrans (B. 215)

b) Polio vaccine (A. 488)

7. Write Short notes on the following; ( $2 \times 2 \frac{1}{2} = 5$ )



- a) Rapid tests for diagnosis of malarial infection (B. 124)
- b) Opportunistic fungal infections (A. 608)
- 8. Write briefly on the following; (5 x 1 =5)
  - a) Name common hospital acquired infections
  - b) List dimorphic fungi (A. 589)
  - c) Name various parasites found in Peripheral Blood films (PBF) (B. 9)
  - d) Germ Tube Test (A. 612)
  - e) Name various tissue nematodes (B. 200)

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