

**RUHS Second MBBS (Main) Examination****Microbiology Paper -II****Date: January 2017      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. Enumerate arboviruses transmitted by the bite of mosquito. Describe pathogenesis and laboratory diagnosis of dengue haemorrhagic fever. (A 523) (10)

2. Write Short notes on the following: (5)

- a) Candidiasis (A. 611)
- b) Laboratory diagnosis of enterobiosis (B. 226)
- c) Asexual fungal spores

3. Write short notes on (5)

- a) Continuous cell lines (A. 435)
- b) Free living Amoebae (B. 44)
- c) Structure of Rabies virus (A. 530)

4. Write short notes on (5)

- a) Hepatitis E (A. 550)
- b) Hydatid cyst (B. 163)
- c) Schizont of plasmodium vivax (B.93)

**SECTION B**

5. Write etiological agents of pyrexia of unknown origin. Describe laboratory diagnosis of enteric fever. (A. 296, 681) (10)

6. Write Short notes on the following; (5)

- a) Morphology of microfilaria bancrofti (A. 314)
- b) Rhabditiform lava
- c) Structure of HIV virus (A. 572)





- a) Rhinosporidiosis (A. 603)
  - b) Types of biomedical wastes (A 651)
  - c) Amastogite form
8. Write Short notes on the following; (5)
- a) Control of hospital associated infection
  - b) Viral haemagglutination test
  - c) Trophozoite of Giardia (B. 47)

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