

**RUHS Second MBBS (Main) Examination****Microbiology Paper -II****Date: February 2019    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 Human Herpes virus? Discuss pathogenesis, laboratory diagnosis and prophylaxis of varicella zoster. (A.467) (10)
2. Write Short notes on the following:
  - a) Dermatophyte (A. 596, 597)
  - b) Laboratory diagnosis of malaria (B. 124)
  - c) Cryptosporidiosis
3. Write Short notes on the following:
  - a) Negri bodies (A. 534)
  - b) Outline the lifecycle of A. Lumbricoides
  - c) Prions
4. Write Short notes on the following:
  - a) Method of detection of viral growth in the cell culture
  - b) Principle of Bactec
  - c) Pock assay

**SECTION B**

5. Enumerate the etiological agents of diarrhoea? Discuss the laboratory diagnosis of cholera
6. Write Short notes on the following.
  - a) Antigens of influenza virus
  - b) Western blot (A. 65, 115)





- c) Corona virus
- 7. Write Short notes on the following.
  - a) Mycotoxins
  - b) Standard precaution
  - c) Segregation of different categories of BMW
- 8. Write Short notes on the following.
  - a) R factor
  - b) OPV
  - c) Interleukin-2

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