

RUHS

Second Year MBBS Examination

II MBBS MICROBIOLOGY PAPER II

Time: 3 hours

Max Marks: 40

Date: 12-10-2020

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 1

1. Enlist various hepatitis viruses. Describe pathogenesis and laboratory diagnosis of Hepatitis B viruses. (A. 546) (10)

2. Write short notes on: (5)

- a. Cryptococcal infections
- b. Giardiasis
- c. Germ tube test

3. Write short notes on: (5)

- a. Inclusion bodies
- b. Microfilaria

4. Structure of HIV-1 virus (5)

- a. Write short notes on:
- b. Dengue fever
- c. Neurocysticercosis
- d. Infective form of leishmania donovani

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Section 2

5. Enumerate causative agents of sore throat.
Describe laboratory diagnosis of
Corynebacterium diphtheria. (10)

6. Write short notes on: (5)

- a. Ascariasis
- b. Larva migrans
- c. Oral polio vaccine

7. Write short notes on: (5)

- a. Dermatophytes
- b. Occupational health hazards
- c. NIH swab

8. Write short notes on: (5)

- a. Viral mutations
- b. Enlist various nosocomial infections
- c. Egg of *ancylostoma duodenale*
