

RUHS**Second Year MBBS Examination****II MBBS MICROBIOLOGY PAPER II**

Time: 3 hours

Max Marks: 40

Date: 14-02-2020

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. Classify hepatitis virus. Discuss the laboratory diagnosis and prophylaxis of HBV(A. 546) (10)

2. Write short note on: (5)

a) Cryptococcosis(A. 613)

b) Visceral larva migrans (B. 215)

c) Rhinosporidiosis(A. 603)

3. Write short note on: (5)

a) Chlamydospores

b) Outline the lifecycle of T.solium

c) Inclusion bodies (A.444) (A. 18)

4. Write short note on: (5)

a) Post exposure prophylaxis of HIV infection

b) Rabies vaccine(A. 535)

c) Interferon(A. 155)

Section 2

5. Enumerates the oncogenic virus. Describe the pathogenicity and laboratory diagnosis of syphilis(A. 565) (10)

6. Write short note on: (5)

a) Rota virus

b) Trophozoite of entamoeba(B. 24)

c) Structure of hydatid cyst(B. 163)

7. Write short note on: (5)

~~a) Mycetoma(A. 600)~~

b) Moments of hand hygiene

c) Category of BMWM as per 2016 BMWM Rule

8. Write difference between: (5)

a) Monitoring of autoclave (A. 31)

b) Laboratory diagnosis of kala azar (B. 71)

c) Cytopathogenic effects

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