

27-03-2021

II-MBBS

Second Professional M.B.B.S. (Main) Examination

March - 2021

MICROBIOLOGY

Paper- II

Time: Three Hours

Maximum Marks: 40

Q. No. 1 in sections A and Q. No. 5 in Section B are compulsory. Attempt any two questions from rest of the questions in section A and section B.

(Use separate answer book for each section)

### Section-A

1. Write the laboratory diagnosis, treatment and prophylaxis of Hepatitis B infection. 10
2. Write short notes on: 02
  - a) PKLD 02
  - b) Neurocysticercosis 01
  - c) Reynolds Bhaude Phenomenon
3. Write short notes on: 02
  - a) Maduramycosis 02
  - b) Difference between HSV1 and HSV2 01
  - c) Draw the structure of HIV virus
4. Write short notes on: 02
  - a) Complications of P. falciparum infection 02
  - b) Laboratory diagnosis of congenital toxoplasmosis 01
  - c) SDA

### Section-B

5. Write aetiological agents of meningitis. Describe its laboratory diagnosis. 10
6. Write short notes on: 02
  - a) Difference between Biomedical Waste Rules 1998 and 2016. 02
  - b) Standard (Routine) Precautions for prevention of Hospital acquired infections. 01
  - c) Differences between amoebic and bacterial dysentery
7. Write short notes on: 02
  - a) Pneumocystis jiroveci 02
  - b) Presumptive coliform count (Multiple tube method) 01
  - c) Rotavirus vaccine
8. Write short notes on: 02
  - a) Tropical Pulmonary Eosinophilia 02
  - b) End game strategic plan for polio 01
  - c) Draw a diagram of trophozoite of Balantidium coli