

# **2010 Scheme**

**Q.P. Code: 206001**

**Reg. No.: .....**

## **Second Professional MBBS Degree Supplementary Examinations August 2024**

### **Microbiology - Paper II**

**Time: 2 Hours**

**Total Marks: 40**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

#### **Essay:**

**(10)**

1. A four-year-old child was brought to casualty with altered behavior and difficulty to swallow liquids. Mother gave history of dog bite one month back and not taking vaccine as per schedule

- a) What is the clinical diagnosis and the causative agent
  - b) Describe the pathogenesis of this condition
  - c) Describe the ante mortem laboratory diagnosis of this condition
  - d) Describe the post exposure prophylaxis recommended for this condition
- (2+2+2+4)

#### **Short essay:**

**(2x5=10)**

2. Primary amoebic meningoencephalitis

3. Dermatophytes

#### **Short notes:**

**(10x2=20)**

4. Cutaneous larva migrans

5. Define dimorphic fungi with two examples

6. Enumerate four agents causing zoonotic infection

7. Name two oncogenic viruses

8. Microfilaria

9. Complication of falciparum malaria

10. Hepatitis B surface antigen (HBsAg)

11. Draw and label fertilized egg of *Ascaris lumbricoides*

12. Polio vaccines

13. Name two viral hemorrhagic fever

\*\*\*\*\*