

## **2010 Scheme**

Q.P. Code: 206001

Reg. No.: .....

### **Second Professional MBBS Degree Supplementary Examinations March 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 24 year old male presented with fever, headache, severe myalgia, retrobulbar pain for past five days. On examination, he had maculopapular rash all over his body.

Blood examination revealed thrombocytopenia

- a) What is the most probable diagnosis.
- b) Name the etiological agent and vector
- c) Write briefly about the pathogenesis of this disease
- d) Write TWO complications of the condition
- e) Describe the laboratory diagnosis
- f) Mention the preventive measures

**(1+2+2+2+2+1)****Short essay:****(2x5=10)**

2. Candidiasis
3. Laboratory diagnosis of falciparum Malaria.

**Short notes:****(10x2=20)**

4. Human papilloma virus
5. Cutaneous larva migrans
6. Window period in HIV infection
7. Carriers in Hepatitis B virus infection
8. Autoinfection
9. Mycotoxins
10. Name any TWO dimorphic fungi
11. Name TWO viruses causing diarrhoea
12. Hydatid cyst
13. Bacteriophage

\*\*\*\*\*