

# 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

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

(1+2+2+2+2+1)

#### Short essay: (2x5=10)

- Candidiasis
- Laboratory diagnosis of falciparum Malaria.

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

- Human papilloma virus
- Cutaneous larva migrans
- Window period in HIV infection
- Carriers in Hepatitis B virus infection
- Autoinfection
- Mycotoxins
- Name any TWO dimorphic fungi
- Name TWO viruses causing diarrhoea
- Hydatid cyst
- Bacteriophage

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