

Q.P. Code: 206001

Reg. No.: .....

**Second Professional MBBS Degree Regular/Supplementary  
Examinations February 2020****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 45 years old patient was admitted to the hospital with history of loss of appetite, malaise and jaundice of one month duration. He also gave history of blood transfusion in the past. On laboratory examination he was found to be positive for HBsAg.
  - What is the etiological diagnosis
  - What are the various clinical features
  - Discuss various routes of transmission of disease
  - Describe the laboratory diagnosis of the condition
  - What are the prophylactic measures of this condition(1+2+2+3+2)

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

2. Cryptococcus neoformans
3. Pathogenesis and laboratory diagnosis of filariasis

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

4. Define definitive host. Give two examples
5. Draw the diagram of enterobius vermicularis egg with labelling
6. What are dermatophytes and give examples
7. Define inclusion bodies and give two examples
8. Elusion
9. EBV associated malignancies
10. Otomycosis
11. Pulse polio programme
12. Name four intestinal nematodes
13. Name four anti-fungal agents

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