

# **2010 Scheme**

**Q.P. Code: 206001**

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

## **Second Professional MBBS Degree Supplementary Examinations October 2022**

### **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. An adult male aged 26 years was suffering from severe anemia due to iron deficiency. He was given blood transfusions to correct anemia. Two months later, he developed yellowishness of the sclera and also complained of passing high coloured urine.

Answer the following:

- Name the probable etiologic agents.
- What are the other modes of transmission of this agent.
- How will you proceed with the laboratory diagnosis.
- How will you protect the individual from acquiring this infection (2+2+5+1)

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

2. *Candida albicans*.
3. *Entamoeba histolytica*.

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

4. Lacto Phenol Cotton Blue mount (LPCB mount)
5. *Cysticercus cellulosae* in man.
6. Gamma interferon.
7. Draw and label Hook Worm Ova.
8. *Cryptococcus neoformans*
9. Opportunistic viral infections in AIDS patients.
10. Give two examples of antifungal drugs.
11. Define intermediate host with an example.
12. Rota virus vaccine.
13. Name four parasites causing anemia.

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