

**Second Professional MBBS Degree Examinations, February 2017**

**Microbiology - Paper II**

**Time: 2 Hours**

**Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essay:**

**(1+2+4+2+1)**

1. A 40 year old male patient was admitted in the hospital with fever ,loss of appetite ,nausea and yellowish discoloration of sclera and urine. History revealed that he had received blood transfusion 2 months back
  - 1 What is the most probable diagnosis ?
  - 2 What are the modes of transmission ?
  - 3 How will you confirm the diagnosis in the laboratory?
  - 4 Mention the prophylaxis for this.
  - 5 Add a note on carriers of this condition

**Short essay:**

**(2x5=10)**

2. Dimorphic fungi
3. General characters of viruses

**Short notes:**

**(10x2=20)**

4. Tissue nematodes
5. Free living amoebae
6. Opportunistic fungi
7. Aseptic meningitis
8. Epsilometer OR E-test
9. Eijkman test
10. Antigenic shift
11. MMR vaccine
12. Slow virus diseases
13. Kala azar

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