

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**III Semester Bachelor of Occupational Therapy Degree Examination – 27-May-2025**

**Time: Three Hours**

**Max. Marks: 50 Marks**

**MICROBIOLOGY – (SEC B) - (OS/RS)**

**Q.P. CODE: 3422**

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

**(Note: Both QP Codes 3421 and 3422 are to be answered within total duration of 3 hours)**

**LONG ESSAYS (Answer any one)**

**1 x 10 = 10 Marks**

1. Explain the etiology, pathogenicity, clinical manifestation and laboratory identification of Dane particle
2. Describe the bacterial structure with the help of neat labeled diagram

**SHORT ESSAYS (Answer any five)**

**5 x 5 = 25 Marks**

3. Cyto Megalo Virus
4. Echinococosis
5. Herpes simplex virus
6. Immunoglobulin G
7. Hot air oven
8. Prevention of nosocomial infection

**SHORT ANSWER (Answer any five)**

**5 x 3 = 15 Marks**

9. Mention any three serological test
10. HEPA
11. Abnormal immune response
12. Fungal mycelium
13. Mention any three skin antiseptic
14. Phagocytosis

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