

Time: Three Hours

Max. Marks: 100 Marks

**MICROBIOLOGY -Paper -I**  
**(RS2 & RS3 SCHEME)**

**QP Code: 1083**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

**LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Define and classify Hypersensitivity. Describe type III hypersensitivity. (1+2+7).
2. Classify Mycobacteria. Discuss the laboratory diagnosis of Pulmonary tuberculosis. Add a note on multidrug resistant tuberculosis. (2+6+2)

**SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. Bacterial spore
4. Moist heat sterilization
5. Q fever
6. Pathogenesis of Gas gangrene
7. Specific tests for Syphilis
8. Alternate complement pathway
9. Mechanisms of innate immunity
10. Non suppurative diseases by Group A streptococci
11. Laboratory diagnosis of cholera
12. Non gonococcal urethritis

**SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Haptens
14. Transferable drug resistance
15. Structure of Gram negative bacterial cell wall
16. Rat bite fever
17. Passive agglutination test
18. Laboratory diagnosis of pneumococcal meningitis
19. Diphtheria, Pertussis and Tetanus (DPT) vaccine
20. Enterotoxigenic Escherichia coli
21. Uses and interpretations of Widal test
22. Vincent's angina

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# Rajiv Gandhi University of Health Sciences, Karnataka

M.B.B.S. PHASE II Degree Examination – DEC 2016

Time: Three Hours

Max. Marks: 100 Marks

## MICROBIOLOGY -Paper -II (RS2 & RS3 SCHEME)

QP Code: 1084

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

### LONG ESSAYS

2 x 10 = 20 Marks

1. List important Arboviral diseases found in India. Describe pathogenesis and laboratory diagnosis of Dengue virus infection. (3+3+4)
2. Classify Nematodes. Describe the life cycle, pathogenesis and laboratory diagnosis of Hookworm infection. (2+3+3+2)

### SHORT ESSAYS

10 x 5 = 50 Marks

3. Aspergillosis
4. Infections caused by candida albicans and laboratory diagnosis
5. Classification of Biomedical waste
6. Cysticercosis
7. Chicken pox
8. Methods of cultivation of viruses
9. Viral diarrhoea
10. Eumycetoma
11. Laboratory diagnosis of Echinococcosis
12. Balantidiasis

### SHORT ANSWERS

10 x 3 = 30 Marks

13. Black water fever
14. List the sites of Extraintestinal amoebiasis
15. Laboratory diagnosis of Trichomonal vulvovaginitis
16. Enumerate parasites infecting lungs
17. List rapid diagnostic tests for malaria
18. Laboratory diagnosis of mumps
19. Negri body
20. Name three viruses transmitted by blood.
21. Laboratory diagnosis of cryptococcosis
22. Enumerate diseases caused by adenoviruses

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