

Rajiv Gandhi University of Health Sciences, Karnataka
Post Graduate Degree Examination – OCTOBER 2015

Time: Three Hours

Max. Marks: 100 Marks

MD MICROBIOLOGY
GENERAL MICROBIOLOGY AND IMMUNOLOGY
PAPER- I
(Revised Scheme)
Q. P. CODE: 7355

50

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

LONG ESSAYS

2 x 20 = 40 Marks

1. Classify sterilization. Describe in detail the application of moist heat sterilization. Add a note on CSSD.
2. Define immune response. Describe the laboratory methods for detection of cellular immune function.

SHORT ESSAYS

6 x 10 = 60 Marks

3. Type III hypersensitivity reaction
4. Monoclonal antibody
5. Bacterial spore
6. Bacterial exotoxin
7. Preservation of bacteria
8. Laboratory Waste management

Rajiv Gandhi University of Health Sciences, Karnataka
Post Graduate Degree Examination – OCTOBER 2015

Time: Three Hours

Max. Marks: 100 Marks

MD MICROBIOLOGY
SYSTEMATIC BACTERIOLOGY
PAPER- II
(Revised Scheme)
Q. P. CODE: 7356

49

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

LONG ESSAYS

2 x 20 = 40 Marks

1. Enumerate the bacterial causes of PUO. Discuss the pathogenesis, laboratory diagnosis of enteric fever. Add a note on prophylaxis.
2. Discuss the etiology, pathogenesis and laboratory diagnosis of Urinary Tract Infection.

SHORT ESSAYS

6 x 10 = 60 Marks

3. Vancomycin resistant enterococci
4. Moraxella catarrhalis
5. Bacterial food poisoning
6. Chlamydia
7. Recent classification of nonsporing anaerobes
8. Hib vaccine

Rajiv Gandhi University of Health Sciences
M.D. Degree Examination – OCTOBER 2015

[Time: 3 Hours]

[Max. Marks: 100]

MICROBIOLOGY
MYCOLOGY AND VIROLOGY
PAPER – III (RS)

48

Q.P. CODE: 7357

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

LONG ESSAY

2 X 20 = 40 Marks

1. Classify Hepatitis Viruses. Describe in detail the pathogenesis, laboratory diagnosis and prophylaxis of Hepatitis B Virus.
2. Enumerate the causative agents of systemic mycoses. Describe the pathogenesis and laboratory diagnosis of Histoplasmosis.

SHORT ESSAY

6 X 10 = 60 Marks

3. Sporotrichosis
4. Fungi imperfecti
5. HIV – 2
6. Continuous cell lines.
7. Laboratory diagnosis of Rabies.
8. Adenoviral infections.

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Post Graduate Degree Examination – OCTOBER 2015

Time: Three Hours

Max. Marks: 100 Marks

MD MICROBIOLOGY
SYSTEMATIC BACTERIOLOGY
PARASITOLOGY
PAPER- IV
(Revised Scheme)
Q. P. CODE: 7358

47

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

LONG ESSAYS

2 x 20 = 40 Marks

1. Discuss the life cycle , pathogenesis and laboratory diagnosis of Echinococcus granulosus.
2. Discuss the cultivation of parasite.

SHORT ESSAYS

6 x 10 = 60 Marks

3. Larva migrans
4. Taenia solium
5. Sparganosis
6. LD bodies
7. Giardiasis
8. Fasciola hepatica
