Rajiv Gandhi University of Health Sciences
M.B.B.S. PHASE - II Degree Examination - June/July 2010

Time: 3 Hrs.

MICROBIOLOGY - PAPER II (Revised Scheme II)

QP Code: 1084

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

LONG ESSAY 2 X 10 = 20 Marks
1. Describe the morphology, pathogenesis & laboratory diagnosis of Entameoba histolytica
2. Describe the pathogenecity & laboratory diagnosis of HIV infection

SHORT ESSAY 10 X 5 = 50 Marks
3. Dermatophytes
4. Chicken pox
5. Prophylaxis against rabies
6. Opportunistic fungi
7. Nosocomial infection
8. Life cycle of Strongyloides stercoralis
9. Cysticercus Cellulosae
10. Schistosoma haematobium
11. Dengue fever
12. Cryptococcus neoformans

SHORT ANSWERS 10 X 3 = 30 Marks
13. Reynold’s – Braude phenomenon
14. Name 3 Oncogenic viruses
15. Diagram of Egg of Trichuris trichuira
16. Mention 3 parasites causing anemia
17. Name 3 viruses causing gastroenteritis
18. Mention 3 fungi causing gastroenteritis
19. Prophylaxis against Polio
20. Mention 3 asexual spores of Fungi
21. Viral interference
22. Calabar swelling
Rajiv Gandhi University of Health Sciences
M.B.B.S. PHASE - II Degree Examination - December 2010

Time: 3 Hrs.

MICROBIOLOGY - PAPER II (Revised Scheme II)

QP Code: 1084

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

LONG ESSAY

2 X 10 = 20 Marks


2. Describe the morphology, life cycle and laboratory diagnosis of Toxoplasma gondii.

SHORT ESSAY

10 X 5 = 50 Marks

3. Life cycle of Round worm

4. Histoplasma capsulatum.

5. Cryptosporidium parvum


7. Dengue virus.

8. Structure of Bacteriophage

9. Antigenic drift and antigenic shift

10. Concentration method of stool examination

11. Rabies vaccines

12. Interferons.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Prions

14. Rubella Syndrome

15. Mycotoxins

16. Negri bodies

17. Molluscum contagiosum

18. Larva migrans


20. Inclusion bodies


22. Slide culture method.

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Rajiv Gandhi University of Health Sciences  
M.B.B.S. PHASE - II Degree Examination - June / July 2011  

Time: 3 Hrs.  

[Max. Marks: 100]

MICROBIOLOGY - PAPER II (Revised Scheme II)  
QP Code: 1084

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

LONG ESSAY  
2 X 10 = 20 Marks
1. Classify Herpes virus. Describe the pathogenesis laboratory diagnosis of herpes simplex virus  
2. Enumerate somatic nematodes. Describe morphology, pathogenicity and laboratory diagnosis of dracunculus medinensis

SHORT ESSAY  
10 X 5 = 50 Marks
3. Microfilaria  
4. Rhabditiform larva and filariform larva  
5. Superficial mycotic infections  
6. Cryptococcus neoformans  
7. Cultivation of viruses  
8. Nosocomial infections  
9. Markers of viral hepatitis B  
10. Negri bodies  
11. Antigenic variations in influenza virus  
12. Pulse polio programme

SHORT ANSWERS  
10 X 3 = 30 Marks
13. Viral hemagglutination  
14. Interferons  
15. Killed viral vaccines  
16. Phage typing  
17. Saturated salt floatation technique  
18. Microsporidia  
19. Laboratory diagnosis of enterobius vermicularis  
20. Differences between wucheraria bancrofti and brugia malayi  
21. Morphology of Echiniococcus granulosus  
22. Miracidium

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Rajiv Gandhi University of Health Sciences
M.B.B.S. PHASE - II Degree Examination - Dec 2011 / Jan 2012

Time: 3 Hrs.  [Max. Marks: 100]

MICROBIOLOGY - PAPER II (Revised Scheme II)

QP Code: 1084

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

LONG ESSAY  2 X 10 = 20 Marks
1. Classify nematodes. Describe the life cycle and lab diagnosis of Wuchereria bancrofti
2. Enumerate Herpes viruses. Describe the pathogenesis and lab diagnosis of Herpes simplex virus

SHORT ESSAY  10 X 5 = 50 Marks
3. Opportunistic fungal infections in AIDS
4. Fungal infections of skin
5. General characters of cestodes
6. Stool concentration techniques
7. Life cycle of Schistosoma haematobium
8. Life cycle of hook worm
9. Slow viral diseases
10. Hepatitis B markers
11. Polio vaccines
12. Interferons

SHORT ANSWERS  10 X 3 = 30 Marks
13. Dimorphic fungi
14. Rhinosporidium
15. Aspergillus
16. Cysticercus cellulosae
17. QBC test for malaria
18. Enterobius vermicularis
19. Draw Giardia lamblia trophozoite and cyst
20. Negri bodies
21. Draw and label influenza virus
22. Western – Blot test for HIV

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Rajiv Gandhi University of Health Sciences
M.B.B.S. PHASE - II Degree Examination - June / July 2012

Time: 3 Hrs. [Max. Marks: 100]

MICROBIOLOGY - PAPER II (Revised Scheme II)
QP Code: 1084

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

LONG ESSAY
2 \times 10 = 20 Marks
1. Describe in detail geographical distribution, habitat, morphology, lifecycle and pathogenicity of Leishmania donovani
2. Draw labelled diagram of rabies virus. Describe the laboratory diagnosis and prophylaxis of rabies

SHORT ESSAY
10 \times 5 = 50 Marks
3. Modes of transmission of infection
4. Urinary tract infection
5. Histoplasma capsulatum
6. Mycetoma
7. Post exposure prophylaxis for HIV
8. Epstein – bar virus
9. Measles virus
10. Rhinoviruses
11. Trichomonas vaginalis
12. Classification of microfilaria

SHORT ANSWERS
10 \times 3 = 30 Marks
13. Structure of viruses
14. Uses of embryonated egg
15. Name methods of viral assays
16. Prions
17. Vectors in parasitology
18. Genital flagellates
19. Casoni’s test
20. Occult filariasis
21. Hymenoleps nana
22. Stoll’s method for worm burden

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M.B.B.S. PHASE II Degree Examination – Dec 2012

Time: Three Hours

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

<table>
<thead>
<tr>
<th>LONG ESSAYS</th>
<th>2 x 10 = 20 Marks</th>
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<tbody>
<tr>
<td>1. Describe the pathogenesis, laboratory diagnosis and prophylaxis of Rabies. 4+3+3</td>
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<tr>
<td>2. Classify flagellate protozoa. Describe life cycle, pathogenesis and laboratory diagnosis of Giardia lamblia. 2+2+3+3</td>
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<table>
<thead>
<tr>
<th>SHORT ESSAYS</th>
<th>10 x 5 = 50 Marks</th>
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<tbody>
<tr>
<td>3. Eumycotic mycetoma</td>
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<td>4. Laboratory Diagnosis of Cryptococcosis</td>
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<td>5. Serological markers of hepatitis B virus infection</td>
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<td>6. Zoonotic infections</td>
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<td>7. Slow viral infections</td>
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<td>8. Polio vaccines</td>
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<td>9. Antigenic variations in influenza virus</td>
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<td>10. Laboratory diagnosis of Toxoplasmosis</td>
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<td>11. Cysticercus cellulosae</td>
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<td>12. Laboratory diagnosis of Kala azar</td>
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<table>
<thead>
<tr>
<th>SHORT ANSWERS</th>
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<tbody>
<tr>
<td>13. Mycotoxins</td>
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<tr>
<td>14. List viruses causing haemorrhagic fever</td>
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<td>15. Laboratory diagnosis of candidiasis</td>
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<td>16. Laboratory diagnosis of chicken pox</td>
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<td>17. Congenital rubella syndrome</td>
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<td>18. Structure of hydatid cyst</td>
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<td>19. DEC provocation test</td>
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<td>20. Visceral larva migrans</td>
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<tr>
<td>21. List methods of cultivation of viruses</td>
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<tr>
<td>22. Life cycle of Naegleria fowleri</td>
<td></td>
</tr>
</tbody>
</table>

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Rajiv Gandhi University of Health Sciences, Karnataka
M.B.B.S. PHASE II Degree Examination – June 2013

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
2. Describe life cycle and laboratory diagnosis of plasmodium vivax.

SHORT ESSAYS 10 x 5 = 50 Marks
3. Infections caused by Candida and laboratory diagnosis
4. Food poisoning
5. Nosocomial infections
6. Fungal infections of the external ear
7. Life cycle of Ascaris lumbricoides
8. Pathogenesis of lymphatic filariasis
9. Free living amoebae
10. Laboratory diagnosis of HIV infection
11. Pathogenesis of poliomyelitis
12. Measles virus

SHORT ANSWERS 10 x 3 = 30 Marks
13. Common cell lines used for viral cultivation
14. Laboratory diagnosis of Hepatitis A virus infection
15. Dengue hemorrhagic fever
16. Negri body
17. Teratogenic viruses
18. Laboratory diagnosis of amoebic liver abscess
19. List opportunistic parasitic infections
20. Cyclops
21. Life cycle of Enterobius vermicularis
22. Cutaneous larva migrans

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Rajiv Gandhi University of Health Sciences, Karnataka
M.B.B.S. PHASE II Degree Examination – Dec 2013

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. Describe the pathogenesis and laboratory diagnosis of Rabies. Add a note on prophylaxis of rabies in humans.
2. Describe the pathogenesis and laboratory diagnosis of Falciparum malaria.

SHORT ESSAYS
10 x 5 = 50 Marks
3. Lung fluke
4. Laboratory diagnosis of Echinococcosis
5. River blindness
6. Laboratory diagnosis of influenza
7. Yellow fever
8. Pathogenesis of HIV infection
9. Cryptococcosis
10. Mucormycosis
11. Laboratory diagnosis of urinary tract infection
12. Pyrexia of unknown origin

SHORT ANSWERS
10 x 3 = 30 Marks
13. Feature of stool in amoebic dysentery
14. Congenital toxoplasmosis
15. Enumerate tissue nematodes along with their habitat
16. Classify leishmaniasis and list the agents causing each type of disease
17. List cytomegalovirus infections
18. Hand foot and mouth disease
19. Laboratory diagnosis of hepatitis A virus infection
20. SSPE
21. List viruses causing central nervous system infections
22. Cysticercus bovis

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Microbiology – Paper II (Revised Scheme II)

Q.P. 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. Classify Picorna viruses. Describe the pathogenesis and laboratory diagnosis of Poliomyelitis. (2+4+4 = 10 marks)

2. Enumerate Cestodes of medical importance. Describe the morphology, life cycle, pathogenicity and laboratory diagnosis of Taenia solium. (2+2+2+2+2 = 10 marks)

SHORT ESSAYS 10 x 5 = 50 Marks

3. Hepatitis B vaccine
4. Dermatophytes
5. Chicken Pox
6. Life cycle of Plasmodium Vivax
7. Cryptococcus neoformans
8. Clinical manifestations and laboratory diagnosis of Dengue fever
9. Trichomonas Vaginalis
10. Life cycle of Hookworm
11. Kyasanur Forest Disease
12. Laboratory diagnosis of Rabies

SHORT ANSWERS 10 x 3 = 30 Marks

13. Germ Tube Technique
14. MMR vaccine
15. NIH swab
16. Viral interference
17. Viral Cytopathic Effect (CPE)
18. Larva Currens
19. Paul Bunnel Test
20. Enumerate three Opportunistic Fungal Infections.
22. KOH mount

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Rajiv Gandhi University of Health Sciences, Karnataka
M.B.B.S. PHASE II Degree Examination – DEC-2014

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. Describe the structure, pathogenesis and laboratory diagnosis of Human Immunodeficiency virus.
2. Classify Filariasis. Describe pathogenesis and laboratory diagnosis of lymphatic filariasis.

SHORT ESSAYS
10 x 5 = 50 Marks
3. Viral diarrhoea
4. Give brief account of dermatophytes
5. Rhinosporidiosis
6. Mycetoma
7. Food poisoning
8. Slow viral infections
9. Japanese B encephalitis
10. Cryptosporidiosis
11. Guinea worm disease
12. Stool examination for parasites

SHORT ANSWERS
10 x 3 = 30 Marks
13. Cytopathic effect
14. Infections caused by Herpes simplex virus
15. Ebola virus diagnosis
16. Pathogenesis of Rabies
17. MMR vaccine
18. Laboratory diagnosis of Giardiasis
19. Xenodiagnosis
20. Laboratory diagnosis of extraintestinal amoebiasis
21. Enumerate parasites detected in peripheral smear
22. Life cycle of Trichuris trichiura

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Rajiv Gandhi University of Health Sciences, Karnataka
M.B.B.S. PHASE II Degree Examination – JULY 2015

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. Describe the pathogenesis and laboratory diagnosis of Poliomyelitis. Add a note on prophylaxis. (3+3+4)
2. Classify Cestodes. Describe the life cycle, pathogenesis and laboratory diagnosis of Taenia saginata. (2+4+4)

SHORT ESSAYS

10 x 5 = 50 Marks

3. Laboratory diagnosis of lymphatic filariasis
4. Candidiasis
5. Pathogenesis of strongyloidosis
6. Opportunistic infections in AIDS
7. Respiratory syncitial virus
8. Cytomegalovirus infections
9. Sporotrichosis
10. Mycotoxins
11. Viral diarrhoea
12. Paragonimni Westermani

SHORT ANSWERS

10 x 3 = 30 Marks

13. Life cycle of Trichuris trichiura
14. Laboratory diagnosis of primary amoebic meningoencephalitis
15. LD body
16. Use of peripheral smears in parasitology
17. Laboratory diagnosis of Hepatitis A virus infection
18. Enumerate viruses causing Haemorrhagic fever
19. Classify non neural vaccines for rabies with examples
20. Prion diseases
21. Acute Haemorrhagic conjunctivitis – Calabar swelling
22. List DNA viruses

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Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - II) Degree Examination - DECEMBER 2015
Time: Three Hours
Max. Marks: 100 Marks

Microbiology – Paper II (RS2 & RS3 Scheme)
Q.P. 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. Enumerate Nematodes. Describe life cycle, pathogenicity and laboratory diagnosis of Ancylostoma duodenale. (2+4+2+2)
2. Describe morphology, pathogenesis and laboratory diagnosis of HIV. (3+4+3)

SHORT ESSAYS

10 x 5 = 50 Marks

3. Herpes Simplex Virus
4. Superficial Mycoses
5. Dimorphic Fungi
6. Oncogenic Viruses
7. Multiplication of Viruses
8. Extra Intestinal Amoebiasis
9. Dengue fever
10. Viral Diarrhea
11. Bacteriophage
12. Universal Safety Precautions

SHORT ANSWERS

10 x 3 = 30 Marks

13. Classification of Fungi
14. Fungal Food Poisoning
15. Microfilaria
16. Trichomonas vaginalis
17. Chick embryo inoculation
18. Viral Haemagglutination
19. Slow viruses
20. Larva migrans
21. Ebola virus
22. Casoni’s test
Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - II) Degree Examination - JUNE 2016
Time: Three Hours Max. Marks: 100 Marks
Microbiology – Paper II (RS2 & RS3 Scheme)
Q.P. 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. Describe morphology, life cycle, pathogenicity, and laboratory diagnosis of Plasmodium Falciparum. (2+2+3+3)
2. Classify Human Herpes Viruses. Describe morphology, pathogenicity and laboratory diagnosis of Herpes Simplex Virus. (3+2+3+2)

SHORT ESSAYS  
10 x 5 = 50 Marks
3. Opportunistic Fungal infections
4. Sporothrix Schenckii
5. Candidiasis
6. Viral Replication
7. Antigenic shift and antigenic drift
8. Oncogenic Viruses
9. Polio Vaccines
10. Strongyloides stercoralis
11. Microfilaria
12. Hymenolepis nana

SHORT ANSWERS  
10 x 3 = 30 Marks
13. Trichomonas Vaginalis
15. Liver Fluke
16. Tropical Pulmonary Eosinophilia
17. Cysticercosis
18. Biological vector
19. Adenovirus
20. Varicella – Zoster virus
21. Monitoring progression of HIV infection
22. Lacto Phenol Cotton Blue (LPCB) stain

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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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Rajiv Gandhi University of Health Sciences, Karnataka  
MBBS (Phase - II) Degree Examination - JUNE 2017  
Max. Marks: 100 Marks

Microbiology – Paper II (RS2 & RS3 Scheme)  
Q.P. 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. Enumerate Parasites found in Blood. Describe life cycle and laboratory diagnosis of Plasmodium falciparum. (3+7)
2. Enumerate Hepatitis Viruses. Describe morphology, pathogenicity and laboratory diagnosis of Hepatitis B Virus. (3+2+2+3)

SHORT ESSAYS  
10 x 5 = 50 Marks

3. Cryptococcus neoformans  
4. Immunoprophylaxis of Rabies  
5. Hydatid cyst  
6. Mycetoma  
7. Interferons  
8. Cultivation of Viruses  
9. Concentration methods for Stool  
10. Dermatophytes  
11. Japanese Encephalitis  
12. Giardia lamblia

SHORT ANSWERS  
10 x 3 = 30 Marks

13. Classification of Fungi  
14. Oral thrush  
15. Antigenic shift and drift  
16. Structure of HIV  
17. Fungal slide culture  
18. Inclusion body  
19. Rhinosporidiosis  
20. NIH Swab  
21. Cysticercus Cellulosae  
22. Difference between Amoebic and Bacillary Dysentery

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Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - II) Degree Examination - DEC-2017

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. Describe the morphology, pathogenesis and laboratory diagnosis of HIV. (2+4+4 = 10 marks)
2. Enumerate Hemoparasites. Describe the life cycle and laboratory diagnosis of Plasmodium vivax. (2+4+4 = 10 marks)

SHORT ESSAYS 10 x 5 = 50 Marks
3. Aspergillosis
4. Hydatid cyst
5. Laboratory diagnosis of Hepatitis B infection
6. Viral Inclusion Bodies
7. Free Living Amoebae
8. Cryptococcosis
9. Delhi Boil
10. Laboratory diagnosis of Rabies
11. Life cycle of Trichuris trichiura
12. Otomycosis

SHORT ANSWERS 10 x 3 = 30 Marks
13. Balantidium coli
14. Sabouraud’s Dextrose Agar (SDA)
15. Clinical manifestations of Rhinosporidiosis
16. Serological tests for Kala-Azar
17. Cassoni’s test
18. Chyluria
19. Enumerate three Oncogenic viruses.
20. Lassa fever
22. Laboratory diagnosis of Dengue
Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - II) Degree Examination - JULY-2018

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. Classify Hepatitis viruses. Describe the pathogenicity and laboratory diagnosis of Hepatitis B virus infection. (2+4+4 = 10 marks)
2. List the Intestinal Nematodes. Describe the life cycle and laboratory diagnosis of Wuchereria bancrofti. (2+4+4 = 10 marks)

SHORT ESSAYS
10 x 5 = 50 Marks
3. Classify Herpes virus and add a note on laboratory diagnosis of HSV
4. Superficial Mycoses
5. Sporotrichosis
6. Mycetoma
7. Ebola virus
8. Pathogenesis and laboratory diagnosis of Polio myelitis
9. Pathogenesis and laboratory diagnosis of Rabies
10. Morphology and laboratory diagnosis of Giardia lamblia
11. Pathogenesis of Dracunculus medinensis
12. Loa Loa

SHORT ANSWERS
10 x 3 = 30 Marks
13. Name three Opportunistic Protozoal Parasitic infections.
14. Tzanck smear
15. Mention the Stool Concentration techniques in diagnostic Parasitology.
16. Neatly labelled diagram of Human Immunodeficiency Virus
17. Biological vector
18. Draw labelled diagram of Hymenolopis nana.
19. Mention the complications of Dengue virus infection
20. Slide culture technique in Mycology
22. Clinical manifestations of Epstein Barr virus infection

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Rajiv Gandhi University of Health Sciences, Karnataka
M.B.B.S. PHASE II Degree Examination – DEC-2018

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

1. Describe the life cycle, pathogenesis and laboratory diagnosis of Entamoeba histolytica. (3+4+3)
2. Classify Picorna viruses. Describe the pathogenesis, laboratory diagnosis and prophylaxis of poliomyelitis. (2+3+3+2)

SHORT ESSAYS

3. Nosocomial infections
4. Ebola virus
5. Cryptococcosis
6. Hepatitis B vaccines
7. Laboratory diagnosis of dermatophytosis
8. Viruses causing diarrhoea
9. Infectious mononucleosis
10. Laboratory diagnosis of vivax malaria
11. Stool concentration methods
12. Larva migrans

SHORT ANSWERS

13. Kyasanur forest disease
14. Oncogenic viruses
15. Antigens of HIV
16. Laboratory diagnosis of measles
17. Molluscum contagiosum
18. Trichomoniasis
19. Casoni’s test
20. Life cycle of Enterobius vermicularis
21. Antigenic shift and antigenic drift
22. Cysticercus cellulosae

*****
Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - II) Degree Examination - JUNE-2019

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

1. Describe the morphology, pathogenesis, laboratory diagnosis and immubrophylaxis of Rabies Virus. (2+2+2+4)
2. Enumerate Anaemia causing parasites. Describe the life cycle, pathogenesis and laboratory diagnosis of Ancylostoma duodenale. (2+3+2+3)

SHORT ESSAYS

3. Dermatophytosis
4. Life cycle of Plasmodium in mosquito
5. Enumerate the infections caused by Herpes Simplex Virus.
6. Bacteriophage
7. Life cycle of Taenia solium
8. Opportunistic mycosis
9. Rubella
10. Laboratory diagnosis of HIV infection
11. Laboratory diagnosis of Toxoplasmosis
12. Histoplasmosis

SHORT ANSWERS

13. Giardia lamblia
14. Fungal culture media
15. Mycotoxins
16. PKDL-Post Kala-azar Dermal Leishmaniasis
17. NNN medium
18. Microfilaria larva
19. Black water fever
20. Neat labelled diagram of influenza virus
21. Yellow fever
22. Immune prophylaxis of poliomyelitis

*****
Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - II) Degree Examination - 18-Dec-2019
Time: Three Hours
Max. Marks: 100 Marks

Microbiology – Paper II (RS2 & RS3 Scheme)
Q.P. CODE: 1084

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

2 x 10 = 20 Marks

LONG ESSAYS
1. Enumerate Intestinal Nematodes. Describe morphology, life cycle, pathogenicity and laboratory
diagnosis of Ancylostoma duodenale. (2+2+2+2+2)
2. Describe morphology, pathogenicity, laboratory diagnosis to detect various markers and
prophylaxis of Hepatitis B. (2+1+4+3)

10 x 5 = 50 Marks

SHORT ESSAYS
3. Describe pathogenicity and laboratory diagnosis of Candida albicans.
4. Histoplasma capsulatum
5. Differences between Bacteria and Viruses
6. Kyasanur forest disease
7. Laboratory diagnosis of Influenza Virus
8. Anti rabies vaccines – prophylaxis of Rabies
9. Techniques to identify growth of Viruses in Cell Culture
10. Complications and laboratory diagnosis of Plasmodium falciparum
11. Life cycle of Taenia solium
12. Laboratory diagnosis of Leishmania donovani

10 x 3 = 30 Marks

SHORT ANSWERS
13. Aspergillosis
14. Draw a labelled diagram of HIV.
15. Slow Virus diseases
16. Mycotoxins
17. Draw a labelled diagram of Egg of Trichuris Trichiura.
18. Define antigenic shift and antigenic drift
20. Enumerate Parasites entering Human Host through Skin.
21. Mosquitoes as Vectors
22. Enumerate Parasites causing Anaemia.

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Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - II) Degree Examination - 25-Nov-2020

Max. Marks: 100 Marks

MICROBIOLOGY - PAPER II (RS3)
QP CODE: 1084

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

LONG ESSAYS

1. Enumerate small intestinal human nematodes. Describe in detail about the life cycle and pathogenesis of Ascaris lumbricoides.
2. Describe in detail about the pathogenesis and laboratory diagnosis of HIV Infection. Add a note on opportunistic infection seen in AIDS.

2 x 10 = 20 Marks

SHORT ESSAYS

3. Write a note on Kyasanur Forest disease.
4. Immune prophylaxis of polio
5. Write a note on Cryptococcosis.
6. Write about Rota virus.
7. Clinical manifestations of Coxsackie viruses
8. Laboratory diagnosis of HCV infection
9. Mechanisms of viral oncogenesis
10. Write a note on Chagas disease
11. Enumerate liver flukes.
12. Write about coccidiodomycosis.

10 x 5 = 50 Marks

SHORT ANSWERS

13. Laboratory diagnosis of amoebic liver abscess
14. Acanthamoeba
15. Leishmania tropica complex
16. Viral hemagglutination
17. Write about tropical pulmonary Eosinophilia.
18. Enumerate parasitic zoonoses.
19. Complications of falciparum malaria
20. Enumerate dimorphic fungi.
21. Clinical manifestations of Strongyloides
22. Epstein-Barr virus

10 x 3 = 30 Marks
Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - II) Degree Examination - 08-Mar-2021

MICROBIOLOGY - PAPER II (RS3)
QP CODE: 1084

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

LONG ESSAYS
7 x 10 = 70 Marks
1. Enumerate Hepatitis causing viruses. Describe the morphology, pathogenesis and laboratory diagnosis of Hepatitis Virus.
2. Describe the morphology, life cycle, pathogenesis and laboratory diagnosis of echinococcus granulosus.

SHORT ESSAYS
10 x 5 = 50 Marks
3. Candidiasis
4. Extra intestinal Amoebiasis
5. Laboratory diagnosis of HIV infection
6. Cultivation of Viruses
7. Larva migrans
8. Madura foot
9. Occult Filariasis
10. Life cycle of plasmodium in man
11. Slow virus diseases
12. Rhinosporidiosis

SHORT ANSWERS
10 x 3 = 30 Marks
13. Trichomonas vaginalis
14. Germ tube test
15. Enumerate dimorphic fungi.
16. Parasitic diagnosis of kala azar
17. NIH swab
18. Enumerate anaemic causing parasites.
19. Cryptosporidium parvum
20. Enumerate lesions caused by Epstein Barr virus.
21. Antigenic shift and Antigenic drift
22. Draw a neatly labelled diagram of Rabies virus.

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