

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - June/July 2010

(31)

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

1. Describe the morphology, pathogenesis & laboratory diagnosis of Entameoba histolytica
2. Describe the pathogenicity & laboratory diagnosis of HIV infection

2 X 10 = 20 Marks

SHORT ESSAY

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

10 X 5 = 50 Marks

SHORT ANSWERS

13. Reynold's – Braude phenomenon
14. Name 3 Oncogenic viruses
15. Diagram of Egg of Trichuris trichiura
16. Mention 3 parasites causing anemia
17. Name 3 viruses causing gastroenteritis
18. Mention 3 fungi causing systemic mycosis
19. Prophylaxis against Polio
20. Mention 3 asexual spores of Fungi
21. Viral interference
22. Calabar swelling

10 X 3 = 30 Marks

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - II Degree Examination - December 2010

(29)

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 Myxoviruses. Describe the morphology, antigenic structure and laboratory diagnosis of influenza virus.
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
6. Bio-safety in Microbiology laboratory.
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
19. Complications of Amoebiasis.
20. Inclusion bodies
21. Giardia lamblia.
22. Slide culture method.

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 Echinococcus 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

(42)

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

LONG ESSAY

2 X 10 = 20 Marks

1. Describe in detail geographical distribution, habitat, morphology, lifecycle and pathogenecity of Leishmania donavani
2. Draw labelled diagram of rabies virus. Describe the laboratory diagnosis and prophylaxis of rabies

SHORT ESSAY

10 X 5 = 50 Marks

3. Modes of transmission of infection
4. Urinary tract infection
5. Histoplasma capsulatum
6. Mycetoma
7. Post exposure porphylaxis for HIV
8. Epstein – bar virus
9. Measles virus
10. Rhinoviruses
11. Trichomonas vaginalis
12. Classification of microfilaria

SHORT ANSWERS

10 X 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

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

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, laboratory diagnosis and prophylaxis of Rabies.	4+3+3
2.	Classify flagellate protozoa. Describe life cycle, pathogenesis and laboratory diagnosis of Giardia lamblia.	2+2+3+3
SHORT ESSAYS		10 x 5 = 50 Marks
3.	Eumycotic mycetoma	
4.	Laboratory Diagnosis of Cryptococcosis	
5.	Serological markers of hepatitis B virus infection	
6.	Zoonotic infections	
7.	Slow viral infections	
8.	Polio vaccines	
9.	Antigenic variations in influenza virus	
10.	Laboratory diagnosis of Toxoplasmosis	
11.	Cysticercus cellulosae	
12.	Laboratory diagnosis of Kala azar	
SHORT ANSWERS		10 x 3 = 30 Marks
13.	Mycotoxins	
14.	List viruses causing haemorrhagic fever	
15.	Laboratory diagnosis of candidiasis	
16.	Laboratory diagnosis of chicken pox	
17.	Congenital rubella syndrome	
18.	Structure of hydatid cyst	
19.	DEC provocation test	
20.	Visceral larva migrans	
21.	List methods of cultivation of viruses	
22.	Life cycle of Naegleria fowleri	

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

1. Classify Human Herpes viruses. Describe pathogenesis and laboratory diagnosis of Herpes simplex virus. Name antiviral agents used in treatment of HSV infection.
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

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

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - **June/July 2014**

Time: Three Hours

Max. Marks: 100 Marks

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.
21. List three Antiviral Agents.
22. KOH mount

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

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

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 Schenkii
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
14. Enumerate Parasites causing Diarrhoea.
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

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

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - JUNE 2017

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 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

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. Casoni's test
18. Chyluria
19. Enumerate three Oncogenic viruses.
20. Lassa fever
21. Draw a neatly labelled diagram of a Bacteriophage.
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
21. Enumerate three Fungi causing Ocular Infections.
22. Clinical manifestations of Epstein Barr virus infection

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

$2 \times 10 = 20$ Marks

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

$10 \times 5 = 50$ Marks

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

$10 \times 3 = 30$ Marks

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

2 x 10 = 20 Marks

1. Describe the morphology, pathogenesis, laboratory diagnosis and immuboprophylaxis 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

10 x 5 = 50 Marks

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

10 x 3 = 30 Marks

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

LONG ESSAYS

2 x 10 = 20 Marks

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)

SHORT ESSAYS

10 x 5 = 50 Marks

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

SHORT ANSWERS

10 x 3 = 30 Marks

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
19. Define Intermediate Host.
20. Enumerate Parasites entering Human Host through Skin.
21. Mosquitoes as Vectors
22. Enumerate Parasites causing Anaemia.

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

Time: Three Hours

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

2 x 10 = 20 Marks

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.

SHORT ESSAYS

10 x 5 = 50 Marks

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 coccidioidomycosis.

SHORT ANSWERS

10 x 3 = 30 Marks

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 Strongyloidiasis
22. Epstein-Barr virus

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - 08 - Mar - 2021

Time: Three Hours

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

7 x 10 = 20 Marks

LONG ESSAYS

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.

10 x 5 = 50 Marks

SHORT ESSAYS

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

10 x 3 = 30 Marks

SHORT ANSWERS

13. Trichomonas vaginalis
14. Germ tube test
15. Enumerate dimorphic fungi.
16. Parasitic diagnosis of kala azar
17. NIH swab
18. Enumerate anaemia 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.
