

Rajiv Gandhi University Health and Science
MBBS Phase II Degree Examination
June-2018

Microbiology Paper 2

100Marks

Your Answers Should Be Specific To The question Asked.

Draw Diagrams Where ever Necessary.

Long Essays

10Marks

1. Enumerate the viruses causing hepatitis. Describe the morphology, pathogenesis, lab diagnosis (various markers and its significance) and prevention of hepatitis B.
2. Classify (intestinal) nematodes. Describe the life cycle, pathogenesis and lab diagnosis of Wucheria bancrofti.

Short Essays

5Marks

1. Classify herpes virus and add a note on lab diagnosis of HSV.
2. Poliomyelitis- Pathogenesis, Lab diagnosis, immunoprophylaxis.
3. Pathogenesis and lab diagnosis of rabies.
4. Ebola Virus.
5. Fungal infections of the skin(superficial mycotic infections).
6. Mycetoma (Mycotic/eumycotic) foot- Madura foot.
7. Sporotrichosis.
8. Giardia lamblia/intestinalis (morphology, pathogenesis, lab diagnosis).
9. Loa-Loa.
10. Pathogenesis of Dracunculus medinensis.

Short Answers

3Marks

1. Tzanck smear (cell).
2. Epstein – Barr virus infections caused, clinical manifestation.
3. Mention the complications of dengue virus infection.
4. Draw a labelled diagram of Human Immuno Deficiency Virus (HIV).
5. Opportunistic Parasitic(protozoal) Infections in HIV/AIDS.
6. Slide culture for fungus.
7. Fungi infecting eye/oculomycosis.
8. Enumerate the organism (bacterial/viral) causing sexually transmitted diseases.
9. Hymenolepis nana egg/ovum – draw and label.
10. Mention the stool concentration techniques in diagnostic parasitology.