

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - 09-Mar-2022

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 the etiologic agents of viral meningitis. Discuss briefly lab diagnosis of viral meningitis.
2. Describe the structure, pathogenesis and lab diagnosis of Rabies. Add a note on its prophylaxis.

SHORT ESSAYS**10 x 5 = 50 Marks**

3. Rhinosporidiosis.
4. Lab diagnosis of Dermatophytosis.
5. Free living amoebae.
6. Life cycle and lab diagnosis of *Ascaris Lumbricoides*.
7. *Paragonimus westermani*.
8. Clinical features and life cycle of Toxoplasmosis.
9. Hydatid cyst.
10. Complications of *Plasmodium falciparum* infection.
11. Slow viral diseases.
12. Lab diagnosis of corona virus.

SHORT ANSWERS**10 x 3 = 30 Marks**

13. Stool concentration techniques.
14. Katayama fever.
15. Draw and label the morphological forms of *Entamoeba histolytica* in wet mount examination faeces.
16. Tzanck smear.
17. Define inclusion bodies with examples of two intracytoplasmic inclusion bodies.
18. Dengue shock syndrome.
19. Congenital Rubella Syndrome.
20. Antigenic drift and Antigenic shift.
21. Draw and label the embryonated egg and mark different routes of administration of viruses.
22. Types of interferon.
