

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - 17-Aug-2024

Time: Three Hours

Max. Marks: 100

MICROBIOLOGY - PAPER II (RS-3)

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. A 45 years old female has attended the Gynaecology operation with a complaint of mucopurulent vaginal discharge for the past one week. In gram staining of cervical swab, kidney shaped Gram negative cocci are seen. Answer the following questions:
 - a) Name the bacteria causing this infection
 - b) Name bacterial sexually transmitted infections
 - c) Discuss the lab diagnosis of this infection
2. Define PUO and describe the lab diagnosis of PUO in detail

SHORT ESSAYS

10 x 5 = 50 Marks

3. Write about lab diagnosis of hepatitis B virus
4. Write about the lab diagnosis of mycetoma
5. Write short notes on Widal test
6. Poliomyelitis
7. Write the clinical feature and lab diagnosis of dengue infection
8. Write about the clinical features and lab diagnoses of COVID infection
9. Cultivation of viruses
10. What are interferons, mode of action and use
11. Herpes simplex viruses
12. Inclusion bodies

SHORT ANSWERS

10 x 3 = 30 Marks

13. Molluscum contagiosum
14. Name three RNA viruses
15. Name three DNA viruses
16. Name three viral vaccines
17. Name three dimorphic fungi
18. Name three culture media used for fungal culture
19. Antigenic shift and antigenic drift
20. Complications of falciparum malaria
21. Name three cestodes
22. Name three viral fevers transmitted by mosquitoes
