

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – II Degree Examination - 07-Apr-2025

Time: Three Hours**Max. Marks: 100 Marks****PATHOLOGY – PAPER I (RS-3)****Q.P. CODE: 1081**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS**2 x 10 = 20 Marks**

1. Define thrombosis. Explain in detail about pathogenesis of thrombosis. Add a note on fate of thrombus
2. Define Apoptosis and give examples. Describe the mechanism of apoptosis

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

3. Immune thrombocytopenic purpura
4. Semen analysis
5. Cellular events of acute inflammation
6. What is a granuloma? Enumerate the types with examples
7. Difference between reversible and irreversible cell injury
8. Sickle cell anemia
9. Viral carcinogenesis
10. Turner syndrome
11. Chronic lymphocytic leukemia
12. Hemophilia B

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

13. What is exfoliative cytology?
14. Name three indications of bone marrow examination
15. What are the six causes of proteinuria?
16. Cross matching of blood
17. Red cell indices
18. Enumerate the types of necrosis with examples
19. What is ESR? Enumerate four causes of increase ESR
20. Difference between transudate and exudate
21. Laboratory diagnosis of iron deficiency anemia
22. Urinometer
