

# Rajiv Gandhi University of Health Sciences, Karnataka

## MBBS (Phase - II) Degree Examination – 20-Sep-2021

**Time: Three Hours****Max. Marks: 100 Marks****PATHOLOGY-PAPER I (RS3)****QP 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 Apoptosis. Describe morphological features and mechanism of Apoptosis.
2. Classify Hemolytic anemias. Discuss Sickle cell anemia.

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

3. Pathological calcification
4. Neuroblastoma
5. Wound healing by secondary intention. Mention the factors influencing wound healing.
6. Gaucher disease
7. Pathology of Vitamin D deficiency
8. Transplant Rejection
9. What is ESR? What are the factors influencing ESR?
10. Chronic Myeloid leukemia
11. Von Willebrand disease
12. Red cell indices and their normal values

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

13. Components of Virchow's triad
14. Auto antibodies in systemic lupus erythematosus
15. Features of anaplasia
16. Define microalbuminuria and what is its significance?
17. Name the most commonly used anticoagulants in hematology
18. CSF findings in Pyogenic meningitis
19. Indications for FNAC and its pitfalls
20. Name the conditions where reticulocyte count increases
21. Bombay blood group
22. Enumerate the conditions where PCV is altered.

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