

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**MBBS (Phase - II) Degree Examination – 30-Jul-2022**

**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 Shock. Enumerate the types of shock and discuss in detail the pathogenesis of Septic Shock.
2. Define anemia. Classify anemia. Write in detail about megaloblastic anemia.

**SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. Define necrosis and **enumerate the** types of necrosis with one example each.
4. Pathological calcification.
5. Mediators of Inflammation
6. Fatty liver.
7. Define neoplasia and **list the** differences between benign and malignant tumours.
8. Mechanism of invasion and metastasis.
9. Pathogenesis of Syphilis
10. Peripheral blood picture and laboratory findings in Iron deficiency anemia.
11. Semen analysis
12. Factors affecting the wound healing.

**SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Barr body
14. Enumerate the Romanoswsky group of stains
15. List the causes of neutrophilia.
16. Methods of estimation of PCV

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17. Direct Coombs test
18. Anticoagulants used for ESR estimation
19. Principle of Sickling test
20. Name special stains for Amyloid.
21. Causes of increased and decreased specific gravity of urine
22. Renal function **tests**.

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