

# Rajiv Gandhi University of Health Sciences, Karnataka

## II Year B.Sc. Nursing Degree Examination – 24-Jun-2025

**Time: Three Hours****Max. Marks: 37 Marks**

### **PATHOLOGY AND GENETICS** **(RS-2, RS-3, RS-4 & RS-5)** **Q.P. Code: 1763**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary. Answer All Questions

**(Note : Both QP Codes 1762 and 1763 are to be answered within total duration of 3 hours)**

#### **LONG ESSAYS**

**1 x 10 = 10 Marks**

1. Explain the types, pathogenesis and clinical features of pneumonia.

#### **SHORT ESSAYS**

**3 x 5 = 15 Marks**

2. Explain the stages of wound healing.
3. What is cross matching? Name the diseases screened for the donor's blood.
4. Explain the methods of collection of urine.

#### **GENETICS (12 Marks)**

#### **SHORT ANSWERS**

**6 x 2 = 12 Marks**

5. Define mitosis. Name the four phases of mitosis.
6. Enlist four causes of gene mutation.
7. Mention two autosomal dominant and two autosomal recessive disorders.
8. Name any two inborn disorders of lipid metabolism.
9. Mention four indications for genetic counselling.
10. Define oncogene.

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