

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**II Year B.Sc. Nursing Degree Examination – 17-Jan-2024**

**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. Write the etiopathogenesis and clinical features in primary tuberculosis.

**SHORT ESSAYS**

**3 x 5 = 15 Marks**

2. Write the differences between Transudate and Exudate.
3. Explain the method of testing for Haemoglobin using Sahil's Hemoglobinometer.
4. Explain the etio-pathophysiology and clinical features of Typhoid.

**GENETICS (12 Marks)**

**SHORT ANSWERS**

**6 x 2 = 12 Marks**

5. Define mutation. Name the types of mutation.
6. Name four maternal infections affecting the fetus.
7. Define down's syndrome.
8. Name any two inborn hematological disorders.
9. List two maternal risk factors requiring genetic testing.
10. Name any one inherited cancer and the respective gene responsible for it.

\*\*\*\*\*