

# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – Sep 2012

Time: 3 Hours

Max. Marks: 37 Marks

## **Pathology & Genetics**

**Q.P. Code : 1763**

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary  
**(Note : Both QP Codes 1762 and 1763 are to be answered within total duration of 3 hours)**

### **LONG ESSAYS (Answer any one)**

**1 x 10 = 10 Marks**

1. Mention the blood collection methods for pathology, biochemistry and microbiology tests
2. Discuss the etiopathogenesis and complications of rheumatic heart diseases

### **SHORT ESSAYS (Answer any three)**

**3 x 5 = 15 Marks**

3. Bone healing
4. Cryptorchidism
5. Methods of blood grouping and cross matching
6. Lung abscess

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

#### **SHORT ANSWERS**

**6 x 2 = 12 Marks**

7. What is trisomy. Give two examples
8. Mention four autosomal recessive disorders
9. What is Lyon hypothesis
10. What is co – dominance. Give 2 examples
11. Mention four abnormalities in Turner's syndrome
12. Goals of Human genome project

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