

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**II Year B.P.T. Degree Examination – 19-May-2025**

**Time: 3 Hours**

**Max. Marks: 40 Marks**

**PATHOLOGY (RS5)**

**Q.P. Code: 2737**

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary.

**(Note : Both QP Codes 2737 and 2738 are to be answered within total duration of 3 hours)**

**LONG ESSAYS (Answer any One)**

**1 x 10 = 10 Marks**

1. Define inflammation. Describe causes of vascular and cellular events of acute inflammation.
2. Classify bone tumours and describe morphology and radiological findings of Osteogenic sarcoma.

**SHORT ESSAYS (Answer any Three)**

**3 x 5 = 15 Marks**

3. Klinefelter syndrome: clinical features and genetic basis.
4. Difference between wet and dry gangrene.
5. Clinical features and pathology of Rickets.
6. Factors influencing wound healing.

**SHORT ANSWERS**

**5 x 3 = 15 Marks**

7. Four common causes of Eosinophilia.
8. Laboratory diagnosis of myocardial infarction.
9. Cerebrospinal fluid findings of pyogenic meningitis.
10. Routes of transmission of Human Immunodeficiency Virus.
11. Differences between Transudate and exudate.

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