



**Pathology - (R54)**

**Q.P. Code: 2708**

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

**(Note: Both OP Codes 2708 and 2709 are to be answered within total duration of 3 hours).**

**LONG ESSAYS (Answer any One)**

**1 x 10 = 10 Marks**

1. Define and classify Shock. Describe the pathogenesis, clinical features and stages of Hypovolumic Shock.
2. Classify Bone tumors. Describe the clinical features, radiological features, gross and microscopy of Osteosarcoma.

**SHORT ESSAYS (Answer any Four)**

**4 x 5 = 20 Marks**

3. Fat embolism
4. Clinical features of Vitamin D deficiency
5. Laboratory investigations and clinical features of Hemophilia
6. Ghon's complex
7. Gross and microscopy of Pleomorphic adenoma

**SHORT ANSWERS**

**5 x 2 = 10 Marks**

8. Mention 4 secondary causes of diabetes mellitus.
9. Mention the events of acute inflammation
10. Give 4 causes of thrombocytopenia.
11. Enlist 4 tumor markers.
12. Mention 2 differences between Wet and Dry Gangrene.