

[LH 0815]

AUGUST 2015

Sub. Code: 2411

**BACHELOR IN PROSTHETICS AND ORTHOTICS**

**SECOND YEAR**

**PAPER I – PATHOLOGY**

*Q.P. Code: 802411*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Define shock. Mention its types and brief about each.
2. Describe the steps involved in wound healing. Differentiate between primary and secondary wound healing. Mention the factors involving in wound healing.
3. Define Necrosis. Mention its types and pathogenesis of each.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Differentiate between benign and malignant tumors.
2. Define gangrene and mention its types.
3. Define terms atrophy and hypertrophy. Mention the causes of atrophy.
4. Explain about growth factors.
5. Define embolism and mention its pathogenesis.
6. Write the cellular events in acute inflammation.
7. Describe the Stages of bone remodelling.
8. Define edema. Mention its causes.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Define thrombosis.
2. What is dry gangrene?
3. Describe the causes of cell injury.
4. Define terms repair and regeneration.
5. Enumerate the stages of fracture healing.
6. Write brief note on Carcinogen and its type.
7. Define Phagocytosis.
8. What do you understand by term exudates?
9. Write the causes of hemorrhage.
10. Four sites affected by Psoriasis

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