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**Bachelor of Dental Science [B.D.S.]**

**2<sup>nd</sup> Year Examination, 2010-11**

**GENERAL PATHOLOGY & MICROBIOLOGY**

*Time : 3 Hours ]*

*[ Max. Marks : 70*

*Note: (1) Attempt all questions.*

*(2) Attempt Part A and Part B in separate answer-sheets.*

*(3) Draw proper diagrams to support your answer, wherever necessary.*

**PART - A**

**(General Pathology)**

**[35**

1. Write in brief about CHEMICAL MEDIATORS OF ACUTE INFLAMMATION. [5
2. *Tabulate differences between :*
  - (a) Dry and wet GANGRENE [5
  - (b) NECROSIS AND APOPTOSIS [5
  - (c) EXUDATE and TRANSUDATE [5
  - (d) HODGKIN AND NONHODGKIN LYMPHOMA [5
3. *Short Answer Questions (Give the answer in 1-2 line only):* [10
  - (a) Enumerate FATE OF THROMBUS
  - (b) Enumerate factors effecting wound healing.
  - (c) Classify Neoplasia
  - (d) Enumerate antioncogens.
  - (e) One example of APOPTOSIS
  - (f) Components of VIRCHOW'S TRIAD
  - (g) Enumerate causes of MICROCYTIC HYPOCHROMIC ANAEMIA
  - (h) Radiological appearance of OSTEOCALSTOMA
  - (i) Enumerate various types of Giant Cells
  - (j) Diagnostic cell of HODGINS DISEASE

**PART – B**  
**(Microbiology)**

[35]

5. Define Sterilization, disinfection and antisepsis. Write in detail [10  
about sterilization by moist heat.
6. *Write briefly on any two of the following:* [5×2=10  
(a) Tabulate differences between Exotoxin and endotoxin.  
(b) Tabulate differences between Hepatitis A and Hepatitis B  
(c) Write in brief about Type 1 Hypersensitivity.
7. *Write short notes on any three of the following:* [5×3=15  
(a) Life cycle of Malaria Parasite  
(b) Oral thrush  
(c) Widal Test  
(d) Secretory Antibody

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