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BDS (2nd YEAR) EXAMINATION, AUGUST 2013
GENERAL PATHOLOGY & MICROBIOLOGY

Time : 3 Hours]

[Max. Marks : 70

Note: The question paper is divided into two Sections A & B. Attempt all questions as per instructions. Draw diagram wherever necessary.

PART – A (General Pathology)

1. Define Inflammation. Mention cardinal signs of Acute [1+1+3=5
Inflammation and write briefly about steps of phagocytosis. [5x4=20
2. Tabulate differences between :
 - (a) Necrosis and apoptosis
 - (b) AML and ALL
 - (c) Dystrophic and Metastatic Calcification
 - (d) Type I and II Diabetes Mellitus
3. Short Answer Questions (Give the answer in 1-2 line only): [1x10=10
 - (a) Enumerate four components of granuloma.
 - (b) Enumerate two benign and two malignant bone tumours.
 - (c) Enumerate four outcomes (fate) of Thrombus.
 - (d) Genotypes of Turner's Syndrome and Down's Syndrome.
 - (e) Enumerate four special stains of amyloid.
 - (f) Enumerate four types of R.S. cells.
 - (g) Enumerate two premalignant lesions and two premalignant conditions of oral cancer.
 - (h) Enumerate four conditions of microcytic hypochromic blood picture.
 - (i) Enumerate two local and two systemic factors affecting wound healing.
 - (j) Enumerate vacutainers used for hematological investigations with their colour codes.

PART – B (Microbiology)

4. Discuss pathogenesis of Diphtheria. [10]
5. Write briefly any two of the following [5×2=10]
- (a) Hepatitis B
 - (b) Hypersensitivity reactions
 - (c) Tetanus
6. Write short notes on any three: [5×3=15]
- (a) Difference between active and passive immunity
 - (b) Immunoglobulins
 - (c) Oral lesions of systemic mycosis
 - (d) Falciparum Malaria

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