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**BDS (2nd YEAR) SUPPLEMENTARY EXAMINATION,
(DECEMBER. 2014)
GENERAL PATHOLOGY & MICROBIOLOGY**

Time : 3 Hours]

[Max. Marks : 70

Note: Attempt Sections A & B in separate answer books. Draw diagram wherever necessary.

PART – A (General Pathology)

1. Define shock and write the classification of shock. Discuss [1+2+2=5]
the pathogeneses of septic shock.
2. Tabulate differences between :
(a) Dry and Wet gangrene [5x4=20]
(b) Acute and subacute bacterial endocarditis
(c) Necrosis and apoptosis
(d) AML and ALL
3. Write short notes on (give the answer in 1-2 line only) : [1x10=10]
(a) Enumerate four causes of white lesion in oral mucosa
(b) Enumerate four major risk factors of type II diabetes mellitus.
(c) Enumerate four types of giant cells.
(d) Enumerate four tumor markers.
(e) Enumerate major risk factors for atherosclerosis.
(f) Enumerate four bone tumours.
(g) Enumerate four special stains of amyloid.
(h) Enumerate four differential diagnosis of microcytic hypochromic anemia.
(i) Enumerate two malignant neoplasm and two benign neoplasms.
(j) Enumerate steps of cellular events of acute inflammation.

PART – B (Microbiology)

4. Tabulate differences between : [5X2=10]
(a) Enriched media and Enrichment media.
(b) Exotoxin and Endotoxin
5. Write briefly any two of the following [5×2=10]
(a) Oro-dental infections (b) Lab diagnosis of Diphtheria
(c) Autoclave
6. Write short notes on any three: [5×3=15]
(a) *Plasmodium falciparum*
(b) Candidiasis
(c) Markers of Hepatitis B
(d) Laboratory diagnosis of Tuberculosis.

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Paper Code : BDS-201

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BDS (2nd YEAR) EXAMINATION, AUGUST 2014
GENERAL PATHOLOGY & MICROBIOLOGY

Time : 3 Hours]

[Max. Marks : 70

Note: Attempt Sections A & B in separate answer books. Draw diagram wherever necessary.

PART – A (General Pathology)

1. Define anemia. Discuss the hematological and Biochemical [1+2+2=5 changes of megaloblastic anemia.
2. Write differences between : [5x4=20]
 - (a) Necrosis and Apoptosis
 - (b) CML and leukemoid reaction
 - (c) Benign and malignant neoplasm
 - (d) Primary and secondary wound healing
3. Write short notes on (give the answer in 1-2 line only) : [1x10=10]
 - (a) Two complications of diabetes mellitus
 - (b) Enumerate four common etiological causes of lung cancer
 - (c) Enumerate four causes of microcytic hypochromic anemia
 - (d) Enumerate two complications of systemic hypertension
 - (e) Enumerate four serological markers of Hepatitis B
 - (f) Enumerate two benign and two malignant tumours of salivary gland
 - (g) Enumerate major Jones criteria for rheumatic heart disease
 - (h) Enumerate two causes of massive splenomegaly
 - (i) Enumerate four cells of immune system
 - (j) Enumerate four secondary neoplasm in AIDS patients

PART – B (Microbiology)

4. Tabulate differences between : [5X2=10]
(a) Exotoxin and Endotoxin
(b) Hepatitis A and Hepatitis B
5. Write briefly any two of the following [5×2=10]
(a) Auto clave (b) Dental Caries
(c) Hypersensitivity type I
6. Write short notes on any three: [5x3=15]
(a) Plasmodium vivax
(b) Oral thrush
(c) Laboratory diagnosis of tuberculosis
(d) Human Immunodeficiency Virus and its diagnosis

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