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47, Knowledge Park-III, Greater Noida

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(20214)

Roll No.

B.D.S. II Prof.

5138 (AN)

B.D.S. Supply & Main Examination,

Feb. 2014

General Pathology & Microbiology

(BDS - 04)

Time : Three Hours / [Maximum Marks : 70]

Note: Attempt all questions. Illustrate your answer with suitable diagrams. Use separate copy for Part-A & Part-B.

Part-A

(General Pathology)

1. What is healing. Describe Regeneration and repair. 7
2. Define necrosis. Classify and discuss each type with examples. 7

P.T.O.

3. Differentiate between : 4x3=12

- (a) Primary & Secondary intention healing
- (b) Ischaemia and Infarction
- (c) Exudate and Transudate
- (d) Metaplasia and Dysplasia

4. Briefly write on (any three) : 3x3=9

- (a) Tubercular granuloma
- (b) Amyloidosis Kidney
- (c) Phagocytosis
- (d) Gangrene

Part-B

(Microbiology)

1/ Define sterilisation and Disinfection. Discuss sterilisation by steam giving appropriate diagrams. 10

2/ Define Antigen and Antibody and enumerate various Immuno globulins. Discuss about IgG. 10

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3. Briefly write on (any three) : 5x3=15

- (a) Type IV Hypersensitivity reaction
- (b) Modes of HIV transmission
- (c) Candidosis
- (d) Bacteriophage-its structure and significance.
- (e) Diseases caused by Staphylococcus aureus.

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Roll No.

B.D.S. II Prof.

5138 (AN)

B.D.S. Supply & Main Examination,

Oct. 2014

General Pathology & Microbiology

(BDS-04)

Time : Three Hours /

[Maximum Marks : 70

Note : Attempt all questions. Illustrate your an-

swer with suitable diagrams. Use sepa-

rate copy for Part-A & Part-B.

Part - A

(General Pathology)

1. Define acute inflammation. Describe chemical mediators of acute inflammation. 7

P.T.O.

Part - B

(Microbiology)

2. What is neoplasia. Describe aetiopathogenesis of Carcinoma. 7
3. Write differences between :
 - (a) Necrosis and apoptosis 3
 - (b) Dry gangrene and wet gangrene 3
 - (c) Acute and Chronic Leukaemias 3
4. Write short notes on : 12
 - (a) Haemophilia
 - (b) AIDS
 - (c) Embolism
 - (d) Cellular adaptations
1. Classify Anaerobes. Write detail about the various anaerobic culture methods. 10
2. Short notes : 2½x4
 - (a) Chemical disinfectants
 - (b) Dental plaque
 - (c) ORAL Thrush
 - (d) Bacterial growth curve
3. Discuss briefly : 5x3
 - (a) Structure of Hepatitis B. Virus
 - (b) Prophylaxis of tetanus
 - (c) Hydatid Cyst