

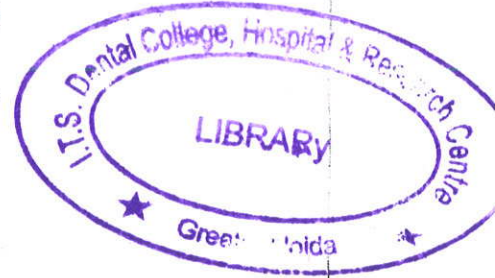
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Roll No. 6097031

B.D.S.- II Prof.



5138(AN)

B.D.S. Supply. & Main Examination, May 2019

General Pathology Microbiology

[BDS-04(N)]

Time : Three Hours]

[Maximum Marks : 70

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

Part - A

1. Define inflammation. Describe acute inflammation in detail. 7
2. What is necrosis? Describe various types and features of necrosis. 7

P.T.O.

3. Differentiate between: $3 \times 4 = 12$

- (a) Dysplasia and metaplasia
- (b) Benign and malignant neoplasm
- (c) Primary and secondary Tuberculosis
- (d) Hodgkin's and non-hodgkin's lymphoma

4. Write short notes on: $3 \times 3 = 9$

- (a) Gangrene
- (b) Blood picture of megaboblastic anemia
- (c) Leukoplakia

Part - B

(Microbiology)

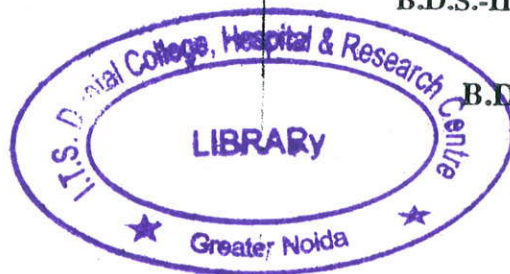
5. Define sterilization and disinfection. Discuss in brief about moist heat sterilization and chemical disinfectants. 10

6. Describe in detail about: $5 \times 2 = 10$

- (a) Koch's postulates
- (b) Gene transfer in bacteria

7. Write briefly about (any three) $5 \times 3 = 15$

- (a) Classification of non sporing anaerobes
- (b) Morphology of Human immuno deficiency virus (HIV)
- (c) Difference between Herpes simplex virus 1 & Herpes Simplex virus 2.
- (d) Pathogenesis and laboratory diagnosis of infection by *Corynebacterium diphtheriae*.



5138(AN)

B.D.S. Supply. & Main Examination,
November-2019GENERAL PATHOLOGY &
MICROBIOLOGY

[BDS-04(N)]

Time : Three Hours]

[Maximum Marks : 70

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

Part-A
(General Pathology)

1. Define and classify necrosis. Write morphology of each necrosis. 7
2. Define neoplasm. Describe the pathogenesis and mode of spread of tumor. 7
3. Write short notes on : 3×3=9
 - (a) Fatty change Liver
 - (b) Complications of Diabetes Mellitus
 - (c) Hemophilia

(2)

4. Differentiate between 3×4=12
 - (a) Arterial and venous thrombus
 - (b) Benign and malignant hypertension
 - (c) Reversible and irreversible cell injury
 - (d) Metaplasia and dysplasia

Part-B
(Microbiology)

1. Define and classify hypersensitivity. Describe type I hypersensitivity. 10
2. Describe in detail about 5×2=10
 - (a) Modes of transmission of HIV infection.
 - (b) Difference between active and passive immunity
3. Write briefly about (any three) 5×3=15
 - (a) Louis Pasteur
 - (b) Bacterial Spore
 - (c) Immunoglobulin A
 - (d) Hapten