

First Internal Assessment Examination

BDS 2nd year (2014 Batch)

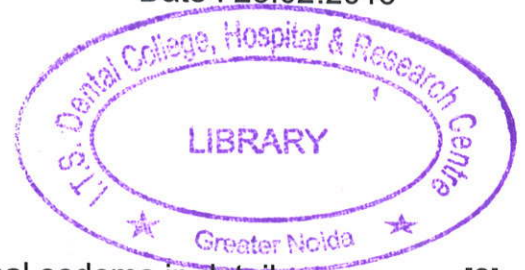
Subject : Pathology & Microbiology

Time : 3 hrs

Date : 23.02.2016

- All questions are compulsory
- Use separate sheet for Part A and Part B
- Draw a well labelled diagram wherever necessary

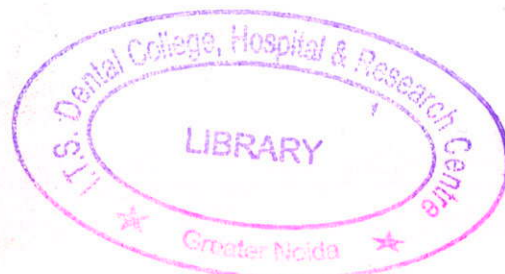
PART – A (Pathology)



- Q. 1 Define Oedema. Write its pathogenesis and describe Renal oedema in detail. [8]
- Q. 2 Define inflammation and describe cellular events in details. [7]
- Q. 3 Write difference between : [2X5=10]
a. Healing by first intention and second intention
b. Primary and secondary amyloidosis
- Q. 4 Write short notes on : [2X5=10]
a. Vitamins C deficiency
b. Fatty change, liver

PART – B (Microbiology)

- Q. 1 Define and classify hypersensitivity. Briefly explain hypersensitivity type II along with examples. [10]
- Q. 2 Write short notes on : [3X4=12]
1. ELISA
2. Oral antiseptics
3. Rh incompatibility
- Q. 3 Discuss briefly : [2X5=10]
1. Humoral immune response
2. Bacterial growth curve
- Q. 4 Draw labelled diagram of : [2X1.5=3]
1. IgM
2. Cell wall of gram negative bacteria



I.T.S DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE

47, Knowledge Park-III, Greater Noida

Second Internal Assessment Examination

BDS 2nd year (2014 Batch)

Subject : Pathology & Microbiology

Time : 3 hrs

Date : 24.05.2016

- All questions are compulsory
- Use separate sheet for Part A and Part B
- Draw a well labelled diagram wherever necessary

PART – A (Pathology)

- Q. 1 Define Shock. Describe its types and morphological changes in various organs. [8]
- Q. 2 Define Anaemia. Describe lab diagnosis of Megaloblastic Anaemia. [7]
- Q. 3 Write Short notes on : [4X3=12]
- a. Giant cells
 - b. Fracture healing
 - c. Pulmonary Embolism
 - d. Complications of Diabetes Mellitus
- Q. 4 Write differences between : [2X4=8]
- a. Tuberculoid and lepromatous Leprosy
 - b. Transudate and Exudate

PART – B (Microbiology)

- Q. 1 Give morphological classification of fungi with examples. Describe Rhinosporidiosis in detail. [8]
- Q. 2 Discuss in detail cultural characteristics, pathogenesis and laboratory diagnosis of *Corynebacterium diphtheriae*. [8]
- Q. 3 Discuss briefly : [5X2=10]
- a. Chemical Disinfectants
 - b. Type II Hypersensitivity reaction
- Q. 4 Write short notes on any three : [3X3=9]
- a. Oral manifestations of candida
 - b. Gas gangrene
 - c. Lumpy Jaw
 - d. Disease produced by Pneumococci



Final Internal Assessment Examination

BDS 2nd year (2014 Batch)

Subject : Pathology / Microbiology

Time : 3 hrs

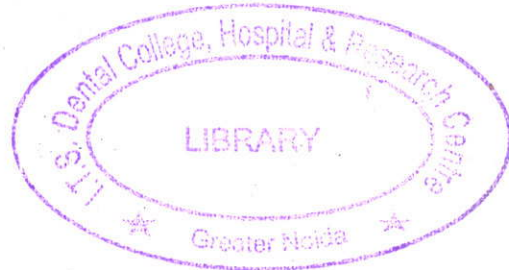
Date : 15.09.2016

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- All questions are compulsory
- Use separate sheet for Part A and Part B
- Draw a well labelled diagram wherever necessary

PART – A (Pathology)

- Q. 1 Define Neoplasia and write etiopathogenesis of neoplasia in detail. [7]
- Q. 2 Describe premalignant lesions of oral cavity. [7]
- Q. 3 Write short notes on : [3X5=15]
- a. Fallot's Tetralogy
 - b. Renal hypertension
 - c. Osteosarcoma
- Q. 4 Write differences between : [2X3=6]
- a. Leukemia and Leukemoid reaction
 - b. Dystrophic and Metastatic calcification



PART – B (Microbiology)

- Q. 1 Classify Mycobacteria. Describe pathogenesis and lab diagnosis of pulmonary tuberculosis. [10]
- Q. 2 Describe Mode of Transmission of HIV. Write in detail about Oral manifestation seen in HIV infection and associated opportunistic infections. [10]
- Q. 3 Write short notes on following (any three) : [5X3=15]
- a. Dental caries
 - b. Haemoparasites
 - c. Nosocomial infections
 - d. Extra intestinal amoebiasis

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I.T.S DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE

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First Internal Assessment Examination

BDS 2nd year (2014 Odd Batch)

Subject : Pathology & Microbiology

Time : 3 hrs

Date : 01.07.2016

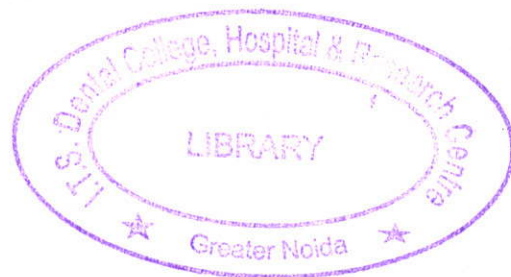
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- Use separate sheet for Part A and Part B
- Draw a well labelled diagram wherever necessary

PART – A (Pathology)

- Q. 1 Define Neoplasia. Describe various routes of metastasis. [8]
- Q. 2 Define Inflammation. Describe phagocytosis in detail. [7]
- Q. 3 Write Short notes on : [2X5=10]
a. Metaplasia
b. Primary tuberculosis
- Q. 4 Write differences between : [2X5=10]
a. Necrosis and Apoptosis
b. Dystrophic and Metastatic calcification

PART – B (Microbiology)

- Q. 1 Classify Mycobacteria. Write the pathogenesis, lab diagnosis of Pulmonary tuberculosis. [8]
- Q. 2 Classify Mycotic infections with examples. Describe candidiasis in detail. [8]
- Q. 3 Short notes on : [4X4=16]
a. Cultivation of viruses
b. Cervicofacial Actinomycosis
c. Heat Sterilization
d. Bacterial spore
- Q. 4 Write difference between lepromatous and tuberculoid leprosy: [3]



Second Internal Assessment Examination

BDS 2nd year (2014 Odd Batch)

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Date : 15.10.2016

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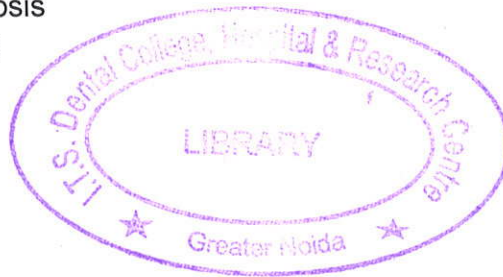
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PART – A (Pathology) - M.M - 35

- Q. 1 Define Neoplasia. Discuss various routes of Metastasis. [7]
Q. 2 Describe the risk factors and morphological changes in Atherosclerosis. [8]
Q. 3 Write short notes on : [5X4=20]
a. Squamous cell carcinoma
b. Giant cell tumor
c. Fallots's Tetralogy
d. Chronic myeloid leukemia

PART – B (Microbiology) – M.M. - 35

- Q. 1 Describe C.S.F findings in Pyogenic Meningitis. Discuss the lab diagnosis of Meningitis. [10]
Q. 2 Discuss Morphology and cultural characteristics of Staphylococcus aureus. [10]
Describe clinical infections caused by Staphylococcus aureus.
Q. 3 Write short notes on following (any three) : [5X3=15]
a. Life cycle of Malarial parasite
b. Rhinosporidiosis
c. Dental caries
d. Hydatid cyst



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Final Internal Assessment Examination

BDS 2nd year (2014 Odd Batch)

Subject : Pathology / Microbiology

Time : 3 hrs

Date : 01.02.2017

MM:70

- All questions are compulsory
- Use separate sheet for Part A and Part B
- Draw a well labelled diagram wherever necessary

PART – A (Pathology) - M.M - 35

- Q. 1 Define shock. Describe the types and morphological changes in shock [8]
Q. 2 Describe premalignant lesions of oral cavity. [7]
Q. 3 Write short notes on : [3X4=12]
a. Giant cell tumor
b. Leukoplakia
c. Risk factors of Atherosclerosis
Q. 4 Write differences between : [2X4=8]
a. Chronic myeloid leukemia and Leukemoid reaction
b. Benign and malignant neoplasm

PART – B (Microbiology) – M.M. - 35

- Q. 1 Describe in detail Viral and Fungal infections of the oral cavity. Add a note on their lab diagnosis. [10]
Q. 2 Classify Mycobacteria. Describe in detail pathogenesis and lab diagnosis of Pulmonary tuberculosis. [10]
Q. 3 Write short notes on following (any three) : [5X3=15]
a. Autoclave
b. Type 1 Hypersensitivity reaction
c. Varicella – zoster virus
d. Life cycle of Roundworm

