

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

47, KNOWLEDGE PARK – III, GREATER NOIDA

**2<sup>nd</sup> YR. B.D.S odd batch (2008 -13 Batch)**

**FINAL INTERNAL ASSESSMENT EXAMINATION (SENT UP) -THEORY**

**Subject: - Microbiology & Pathology**

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**ITS Dental College Hospital & Research Centre  
47, Knowledge Park-III, Greater Noida**

**Date: 18/06/11**

**Time: 3 hours**

**Marks: 70**

**Note:**

1. Attempt all the questions.
2. Draw neat and well labeled diagrams wherever necessary.
3. Use separate answer sheets for part A & part B

**PART-A (Microbiology)**

- Q1. Describe various methods of sterilization by heat (7)
- Q2. Describe pathogenicity and lab diagnosis of a case Gas gangrene. (7)
- Q3. Write Short Notes on : (4X3=12)
- a) Define agglutination reaction, enumerate the different types of agglutination reaction and describe any one in detail.
  - b) Epstein barr virus
  - c) CSF findings in the different types of meningitis
- Q4. Write Short notes on : (3X3=9)
- a) Oral Manifestation of candida.
  - b) Pathogenesis and lab diagnosis of amoebiasis
  - c) Adjuvant

**PART -B (Pathology)**

- Q1. Define Anemia. Describe briefly lab diagnosis of iron deficiency anemia. (7)
- Q 2. Write Short Notes on : (4X3=12)
- a) Ewing's Sarcoma
  - b) Factors Affecting wound healing
  - c) Premalignant Oral lesions
- Q 3. Write Short Notes on (4X4=16)
- a) Nature of amyloid
  - b) Tumors markers
  - c) Diagnosis of Diabetes Mellitus
  - d) Lab diagnosis of Chronic Myeloid Leukemia

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

47, Knowledge Park-III, Greater Noida

B.D.S 2<sup>nd</sup> year – 2009 Batch

Final Internal Assessment (Sent up Examination)

Subject: Microbiology / Pathology

1. Attempt all questions.
2. Draw neat, well labelled diagrams wherever necessary.
3. Use separate sheet for Part-A & part-B.

01.10.2011  
Time: 3.0 hrs.

### PART-A

**M.M: (35)**

- Q. 1 Describe the various infective lesions of the oral cavity and their lab diagnosis. [8]
- Q. 2 Name the viruses causing hepatitis. Describe the clinical features, lab diagnosis, prophylaxis and prevention of Hepatitis B. [8]
- Q. 3 Short answers: 5X2=[10]
- a) Different stages of leprosy and the importance of lepromin test.
- b) Pathogenecity and lab diagnosis of diphtheria.
- Q. 4 Short notes on **ANY THREE**: 3X3=[9]
- a) Sterilization by radiation
- b) Opportunistic mycoses
- c) ELISA
- d) Segregation of biomedical waste

### PART-B

**MM: 35**

- Q. 1 Define leukemia. Write lab diagnosis of Chronic myeloid leukemia? [7]
- Q. 2 Describe risk factors and lab diagnosis of Myocardial Infarction? [7]
- Q. 3 Write short notes on: 3X3=[9]
- a) Hemophilia **OR** free radical injury
- b) Rickets
- c) RS cell and its variants
- Q. 4 Describe briefly: 4X3=[12]
- a) Lab diagnosis of Thalassemia
- b) Mixed tumor of salivary glands
- c) Pyogenic osteomyelitis

9/3/14

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**1st Internal Assessment Examination**  
**IIInd Yr BDS Regular (2009 Batch)**

- Note: i) Attempt all questions  
ii) Draw neat & well labeled diagrams wherever necessary  
iii) Use separate sheets for Part A & Part B

Max Marks: 35  
Time: 3 hours

**Part A**  
**Pathology**

- Q.1. Define necrosis. Describe different types and morphological details of necrosis. 9
- Q.2. Write Short Notes: 5x2=10  
a) Arachidonic acid metabolites  
b) Factors affecting wound healing
- Q.3. Describe briefly: 4x2=8  
a) Syphilitic gumma  
b) CVC Lung
- Q.4. Write differences between: 4x2=8  
a) Dystrophic and metastatic calcification  
b) Venous and arterial thrombi

**Part - B**  
**Microbiology**

Max Marks: 35

- Q.1. Describe the systemic and oral lesions produced by Candida albicans, and write its lab diagnosis. 8
- Q.2. Write in detail about the various methods of disinfection. Add a note on oral disinfectants. 8
- Q.3. Write short answers on: 5x2=10  
a) Describe basic structure of immunoglobulin. Write in detail about IgG antibody.  
b) Bacterial Spore.
- Q.4. Short Notes on: 3x3=9  
a) Rhinosporidiosis or Mycetoma  
b) Contributions of Robert Koch  
c) Classical Pathway of Complement

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

47, KNOWLEDGE PARK – III, GREATER NOIDA

**2<sup>nd</sup> YR. B.D.S (2009 Batch)**

**2<sup>nd</sup> INTERNAL ASSESSMENT EXAMINATION-THEORY**

**Subject: - Pathology & Microbiology**

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**Date: 04/06/11**

**Max. Marks: 70**

**Time: 3 hours**

**I.T.S Dental College Hospital & Research Centre**

**47, Knowledge Park-III, Greater Noida**

**Note:**

1. Attempt all the questions.
2. Draw neat and well labeled diagrams wherever necessary.
3. Use separate answer sheets for part A & part B

12

**PART –A (Pathology)**

Q1. Define Neoplasia & Describe premalignant lesions of Oral Cavity.

(7)

Q2. Write Short Notes on

(4X4=16)

- a) Pyogenic Osteomyelitis
- b) Chemical Mediators of Inflammation
- c) Staining Characteristics of Amyloid
- d) Tumor markers

Q3. Write Difference between

(4X3=12)

- a) Delayed & Immediate Hypersensitivity Reaction
- b) Type I & Type II Diabetes Mellitus
- c) Benign & Malignant tumor

**PART –B (Microbiology)**

Q1. Describe the pathogenesis and Lab diagnosis of a case of pulmonary tuberculosis (6)

Q2. Explain the two type of immune responses in detail

(8)

Q3. Write Short Notes on

(4X3=12)

- a) Type IV hypersensitivity reaction
- b) Mycetoma
- c) Clinical manifestations in the different stage of syphilis along with Oral lesions in each.

Q4. Write short notes on

(3X3=9)

- a) IgG
- b) Cryptococcosis
- c) Difference between streptococcus pneumoniae and viridans streptococci

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

47, Knowledge Park-III, Greater Noida

BDS 3<sup>rd</sup> Year (2010 Reg. Batch)

Final Internal Assessment Examination

Subject: Microbiology/Pathology

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47, Knowledge Park-III, Greater Noida

- Attempt all questions
- Use separate sheet for Part A & Part B
- Draw neat and well labelled diagram wherever required

Time: 3 hrs  
M.M. – [70]

## PART - A

### Microbiology

1. Classify fungi. Discuss the pathogenesis, clinical features and lab diagnosis of mycetoma and enumerate the etiological agents. (10)
2. Enumerate five Gram positive bacteria. Describe morphology, staining characteristics, culture medias and diseases caused by Staphylococcus aureus. (10)
3. Write short answers on the following: (4x3=12)
  - a. Pathogenesis and clinical stages of retroviral infection.
  - b. Nosocomial infections
  - c. Agglutination Reactions.
4. Write the differences between amoebic and bacillary dysentery. (3)

## PART - B

1. Define Anaemia, write its classification and laboratory diagnosis of Haemolytic anaemia. (8)
2. Define inflammation and describe vascular events in acute inflammation. (7)
3. Write short notes on : 4X3=(12)
  - a) Haemophilia
  - b) Fallot's tetralogy
  - c) Diagnosis of Diabetes Mellitus
4. Write differences between: 4X2=(8)
  - a) Immediate and delayed type hypersensitivity reactions
  - b) Leukemoid reaction and Leukemia

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BDS 3<sup>rd</sup> Year (2010 Reg. Batch)

Final Internal Assessment Examination

Subject: Microbiology/Pathology

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47, Knowledge Park-III, Greater Noida

- Attempt all questions
- Use separate sheet for Part A & Part B
- Draw neat and well labelled diagram wherever required

Time: 3 hrs  
M.M. - [70]

PART - A

Microbiology

1. Classify fungi. Discuss the pathogenesis, clinical features and lab diagnosis of mycetoma and enumerate the etiological agents. (10)
2. Enumerate five Gram positive bacteria. Describe morphology, staining characteristics, culture medias and diseases caused by Staphylococcus aureus. (10)
3. Write short answers on the following: (4x3=12)
  - a. Pathogenesis and clinical stages of retroviral infection.
  - b. Nosocomial infections
  - c. Agglutination Reactions.
4. Write the differences between amoebic and bacillary dysentery. (3)

PART - B

1. Define Anaemia, write its classification and laboratory diagnosis of Haemolytic anaemia. (8)
2. Define inflammation and describe vascular events in acute inflammation. (7)
3. Write short notes on : 4X3=(12)
  - a) Haemophilia
  - b) Fallot's tetralogy
  - c) Diagnosis of Diabetes Mellitus
4. Write differences between: 4X2=(8)
  - a) Immediate and delayed type hypersensitivity reactions
  - b) Leukemoid reaction and Leukemia

BDS 3<sup>rd</sup> Year (2010 Reg. Batch)

Final Internal Assessment Examination

Subject: Microbiology/Pathology

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- Attempt all questions
- Use separate sheet for Part A & Part B
- Draw neat and well labelled diagram wherever required

Time: 3 hrs  
M.M. – [70]

PART - A

Microbiology

1. Classify fungi. Discuss the pathogenesis, clinical features and lab diagnosis of mycetoma and enumerate the etiological agents. (10)
2. Enumerate five Gram positive bacteria. Describe morphology, staining characteristics, culture medias and diseases caused by Staphylococcus aureus. (10)
3. Write short answers on the following: (4x3=12)
  - a. Pathogenesis and clinical stages of retroviral infection.
  - b. Nosocomial infections
  - c. Agglutination Reactions.
4. Write the differences between amoebic and bacillary dysentery. (3)

PART – B

1. Define Anaemia, write its classification and laboratory diagnosis of Haemolytic anaemia. (8)
2. Define inflammation and describe vascular events in acute inflammation. (7)
3. Write short notes on : 4X3=(12)
  - a) Haemophilia
  - b) Fallot's tetralogy
  - c) Diagnosis of Diabetes Mellitus
4. Write differences between: 4X2=(8)
  - a) Immediate and delayed type hypersensitivity reactions
  - b) Leukemoid reaction and Leukemia

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47, Knowledge Park-III, Greater Noida

B.D.S 2<sup>nd</sup> year – Odd Batch

1<sup>st</sup> Internal Assessment

Subject: Pathology / Microbiology

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47, Knowledge Park-III, Greater Noida

1. Attempt all questions.
2. Draw neat, well labelled diagrams wherever necessary.
3. Use separate sheet for Part-A & part-B.

08.12.2011

Time: 3.0 hrs.

## PART-A

M.M: (50)

Q. 1 Define Anaemia & write its classification. Describe briefly lab findings in Iron deficiency Anemia. [8]

Q. 2 Define Atherosclerosis. Describe its risk factor & morphology of Atheroma. [7]

Q. 3 Write short notes on **any five**: 5X4=[20]

- a) Scurvy
- b) Giant cells
- c) TOF
- d) Fatty change, liver
- e) Philadelphia chromosome
- f) Hemophilia

## PART-B

Q. 1 Write the clinical features, oral manifestations of HIV. Enumerate the opportunistic infections associated with AIDS. [7]

Q. 2 Write the oral manifestations and Lab diagnosis of Candidiasis. [7]

Q. 3 Write short answers on the following: 4X3=[12]

- a) Enumerate opportunistic mycotic infections & describe Aspergillosis in detail
- b) Identification of Viral growth in tissue culture.
- c) Dental Caries

Q. 4 Write short notes on **any three**: 3X3=[9]

- a) Rhinosporidiosis
- b) Bacteriophage
- c) Immunisation schedule
- d) Epstein Barr Virus