47, Knowledge Park-III, Greater Noida

# BDS 2<sup>nd</sup> Year (2012 Reg. Batch)

# **Second Internal Assessment Examination**

# Subject: Pathology/Microbiology

LIBRARY (3 Dental College Enspired & Research Centre Attempt all questions 47. Knowledge Park-Fil. Greater Noids Use separate sheet for Part A & Part B Draw neat and well labelled diagram wherever required 22.05.2014 Time: 3 hrs M.M. - [35]PART - A Define Anemia. Write its classification. Describe lab findig of Iron deficiency [8] Q. 1 Anemia. 5X3=[15] Write short notes on: Q. 2 Fatrty change Liver a) **CVC lung** b) Secondary Tuberculosis c) 4X3=[12] Write differences between -Q. 3 Primary & Secondary intention healing a) Red & White infarct b) Benign & Malignant Tumor c) MM: [35] PART - B Describe morphology and cultural characteristics of Mycobacterium tuberculosis. [8] Q. 1 Explain its pathogeneis and lab diagnosis. Enumerate opportunistic Mycotic infections. Describe pathogenesis and lab [8] Q. 2 diagnosis of Aspergillus. 4X2=[8] Write short notes on following: Q. 3 Classify non-sporing anaerobes. Describe the diseases produced by them. a) Describe life cycle and pathogenesis of Plasmodium. b) 3X3=[9] Write short notes on following: Q. 4 Cryptococcosis a) LIBRARY Hydatid cyst General characteristics of three types of helminthesental College Exception & Research Central b) 47. Knowledge Park-MI. Greater Noids c) 1X2=[2] Draw well labelled diagram of : Q. 5

Giardia cyst

Fertilised ovum of ascaris

a)

b)

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### **First Internal Assessment Examination**

## Subject: /Pathology/Microbiology

- 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

### **Pathology**

1. Describe nature, pathogenesis and staining characteristics of amyloid.

- 2. Define inflammation. Describe cellular events in acute inflammation. (8)
- 3. Write short on:

(4x3=12)

- a. Giant cells
- b. Radiation injury
- c. Free radical injury
- 4. Write differences between:

(4X2=8)

- a) Necrosis and Apoptosis
- b) Kwashiorkar and Marasmus

### PART - B

### **Microbiology**

- 1. Describe the Classical pathway of Complement and its biological effects. (10)
- 2. Describe the various cells and organs of the immune system along with their functions. (10)
- 3. Write short answers on the following:

(4x3=12)

- a. Antibiotic susceptibility tests.
- b. Bacterial flagella
- c. Classify disinfectants. Add a note on surface active agents.
- 4. Write the differences between exotoxin and endotoxin.

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Dental College Perk-WI. Greater Noida First Internal Assessment Examination

### Subject: Pathology/Microbiology

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ITS Dental College Hospital & Research Centre 47, Knowledge Park-WI, Greater Noida Attempt all questions Use separate sheet for Part A & Part B

Draw neat and well labelled diagram wherever required

	PART - A	Time: 3 hrs M.M. – [35]
1	Define Necrosis. Describe various types of Necrosis with examples.	[8]
Q. 2	Define Anemia. Write lab diagnosis of Iron deficiency Anemia.	[7]
Q. 3 a) b)	Write short notes on: Metastasis Phagocytosis	2X5=[10]
Q. 4 a) b)	Write differences between - Kwashiorkar & Marasmus Benign & Malignant Tumors	2X5=[10]
	PÀRT – B	MM: [35]
0.1	Describe in detail the various methods of Sterilization by heat.	[8]
Q. 2	Explain in detail life cycle of Malarial parasite and its lab diagnosis.	[8]
Q. 3 a) b)	Write short notes on: Mycetoma Bacterial cell wall	4X4=[16]
_ \	tife and of Tookin adjust and add a veta as an extension addition	

C) Life cycle of Taenia solium and add a note on cystecircus cellulosae

Histoplasmosis d)

Q. 4 Draw labeled diagram of: [3]

Microfilaria a)

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## First Internal Assessment Examination

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- Draw neat and well labelled diagram wherever required

Time: 3 hrs **M.M.** – [70]

#### PART - A

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(7)

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#### PART - B

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- c. Classify disinfectants. Add a note on surface active agents.
- 4. Write the differences between exotoxin and endotoxin. (3)