

First Internal Assessment Examination

BDS 2nd year (2015 Regular Batch)

Subject : Pathology / Microbiology

Time : 3 hrs

Date : 10.04.2017
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 Necrosis. Describe its types with examples. [8]
- Q. 2 Define inflammation. Describe cellular events in acute inflammation. [7]
- Q. 3 Write short notes on : [4X5=20]
- a. Fatty change, liver
 - b. Renal oedema
 - c. Vitamin D deficiency
 - d. Giant cell



PART – B (Microbiology) – M.M. - 35

- Q. 1 Define Sterilization and Disinfection. Describe heat Sterilization in detail. [8]
- Q. 2 Define Antigen and Antibody. Enumerate Immunoglobulin classes. Discuss IgM in detail with diagram. [7]
- Q. 3 Write short notes on following (any four) : [5X4=20]
- a. Bacterial Growth Curve
 - b. Monoclonal Antibodies
 - c. Endospore
 - d. Methods of gene transfer in bacteria
 - e. Type I Hypersensitivity reaction with examples

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

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Final Internal Assessment Examination

BDS 2nd year (2015 Regular Batch)

Subject : Pathology / Microbiology

Time : 3 hrs

Date : 25.10.2017

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 Describe types, pathogenesis, complications and diagnosis of Diabetes Mellitus. [8]
- Q. 2 Describe premalignant lesions of oral cavity. [7]
- Q. 3 Write short notes on : [3X4=12]
a. Osteosarcoma
b. Tetralogy of Fallot
c. Secondary Tuberculosis
- Q. 4 Write differences between : [2X4=8]
a. Leukemia and Leukemoid reaction
b. Necrosis & Apoptosis

PART – B (Microbiology) – M.M. - 35

- Q. 1 Write general characteristics of Nematodes. Describe life cycle of Roundworm. [8]
- Q. 2 Write answers note on following : [6X2=12]
a. Varicella-Zoster virus
b. Bacteriophage and its significance
- Q. 3 Write short notes on following (any three) : [5X3=15]
a. Infections caused by Staphylococcus aureus
b. Cryptococcosis
c. Humoral Immune response
d. Viral infections of oral cavity

