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Paper Code : BDS-201

Roll No.

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**BDS (2nd YEAR) EXAMINATION,
GENERAL PATHOLOGY & MICROBIOLOGY**

Time : 3 Hours]

[Max. Marks : 70

*Note: The question paper is divided into two Sections A & B.
Use separate copy for Section A & Section B. Attempt all questions
as per instructions. Draw well labeled and neat diagram where ever
necessary.*

PART – A (General Pathology)

1. Define and classify anemia. Write briefly about [1+2+3=6
laboratory diagnosis of iron deficiency anemia with
diagram.
2. Write short notes on [5x4=20]
 - (a) Pre malignant lesions of oral cavity
 - (b) Down syndrome
 - (c) Septic shock
 - (d) Phagocytosis
3. Tabulate differences between [3x3=9]
 - (a) Cardiac and renal edema
 - (b) Healing by primary and secondary intention
 - (c) Necrosis and apoptosis

PART – B (Microbiology)

4. Describe the principle, procedure, sterilization control and uses of autoclave [10]
5. Write briefly any two of the following [5×2=10]
- (a) ELISA
 - (b) Laboratory diagnosis of HIV
 - (c) Koch's postulates
6. Write short notes on any three of the following: [5×3=15]
- (a) Oral thrush
 - (b) *Corynebacterium diphtheriae*
 - (c) *Plasmodium vivax*
 - (d) Pasteurization

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PART – A (General Pathology)

1. Define inflammation. Mention cardinal signs and [1+2+3=6
describe briefly about vascular events of acute
inflammation
2. Write short notes on : [5x4=20]
 - (a) Types of necrosis
 - (b) Pleomorphic adenoma
 - (c) Embolism
 - (d) Factors affecting wound healing
3. Tabulate differences between [3x3=9]
 - (a) Transudate and exudate
 - (b) CML and Leukemoid reaction
 - (c) Benign and malignant tumours

PART – B (Microbiology)

4. Classify mycobacteria causing human disease. Describe in details laboratory diagnosis of mycobacterium tuberculosis [10]
5. Write briefly any two of the following [5×2=10]
- (a) Structure of immunoglobulin IgG
 - (b) Viral markers of hepatitis B
 - (c) Mechanism of hypersensitivity type – I
6. Write short notes on any three of the following: [5×3=15]
- (a) Oral lesions of systemic mycosis
 - (b) Measles
 - (c) Definitive and Intermediate host
 - (d) Hot air oven

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