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MG-4819

Seat No. _____

Second Year B. D. S. Examination

January - 2018

General Pathology & General Microbiology

Time : Hours] [Total Marks : **70**

Instructions : (1) Figure on right side indicate full marks.
(2) Draw neat and clean diagram whenever necessary.
(3) Illegible writing wiil not be assessed.

SECTION – I
(General Pathology)

1 Define Thrombosis. Discuss pathophysiology and sequence of events in formation of thrombosis. **10**

OR

1 Define Granuloma. Discuss evaluation of granuloma. Enumerate examples of chronic granulomatous inflammation. **10**

2 Answer in brief : (any five) **10**

(a) Write four differences between benign and malignant neoplasm.
(b) Define Lymphocytosis. Enumerate four examples of it.
(c) Draw a labelled diagram of microscopic features of osteoclastoma.
(d) Write four differences between dry and wet gangrene.
(e) Define : (1) Necrosis
(2) Apoptosis
(f) Enumerate four examples of odontogenic tumours.

3 Write short notes : (any five) **15**

(a) Exfoliative cytology
(b) Leukemoid Reaction
(c) Discuss staining properties of amyloidosis
(d) Discuss methods for estimation of Haemoglobin in brief
(e) ESR
(f) Enumerate blood group systems. Discuss significance of blood grouping

SECTION – II

(General Microbiology)

4 Define and classify immunity. Describe the mechanisms of innate immunity. **10**

OR

4 Define Sterilization, Disinfection and Antisepsis. Name various agents used for sterilization. Describe the commonly used disinfectants. **10**

5 Answer : (Any Two) **10**

(a) Hepatitis B virus markers.

(b) Pathogenicity of staphylococcus Aureus.

(c) Candida albicans.

6 Answer in brief : (Any Five) **15**

(a) Draw the labelled diagram of Human immunodeficiency Virus-1. Mention the route of transmission and their percentage efficiency in spreading infection.

(b) Herd immunity.

(c) Write the Differences between Amebic dysentery and Bacillary dysentery.

(d) Transport Media.

(e) Write the Toxins and enzymes produced by streptococcus pyogenes.

(f) Categories of biomedical waste.
