



BBZ-4819

Seat No. _____

Second Year B. D. S. Examination

August - 2021

General Pathology

Time : Hours]

[Total Marks : 70

SECTION-I

- 1 Define Inflammation. Enumerate signs of Inflammation. **10**
Tabulate source and main action of Chemical Mediators of Acute Inflammation.

Or

- 1 Define Thrombosis. Predisposing factors and morphological features of thrombosis. Tabulate contrasting features of antemortem thrombi and postmortem clots. **10**

- 2 Answer in brief. (Any Five) **10**
- a. Enumerate gross morphological features of oral squamous cell carcinoma.
 - b. Morphology of Tubercle.
 - c. Enumerate four names of microbial carcinogens with their associated tumors.
 - d. Enumerate four names of romanowasky stain.
 - e. Enumerate four examples of Hyperplasia.
 - f. Enumerates four names of endogenous pigments.

- 3 Write short notes. (Any five) **15**
- a. Lab Diagnosis of HIV-AIDS.
 - b. Prothrombin time.
 - c. Major risk factor in Atherosclerosis.
 - d. Etiopathogenesis and sequel of Dental caries.
 - e. Oral Leukoplakia.
 - f. Factors affecting wound Healing.

SECTION II

- 4 Full Question **10**
Describe in detail about anatomy of bacterial cell!
- OR
- Describe morphology, culture characteristics, pathogenicity and laboratory diagnosis of Staphylococcus Aureus 10
- 5 Answer: (Any Two) **10**
- a) Morphology, life cycle and laboratory diagnosis of Entamoeba histolytica
 - b) Methods of gene transfer in Bacteria
 - c) Enzyme Linked Immunosorbent Assay
- 6 Answer in brief: (Any Five) **15**
- a) Markers for laboratory diagnosis of Hepatitis B virus infection
 - b) Differential Culture Media
 - c) Difference between sterilization and disinfection
 - d) Classification of Fungi
 - e) Types of hand hygiene techniques
 - f) Dental caries
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