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Second Year BDS Degree Supplementary Examinations January 2019

General Pathology & Microbiology

(2010 Scheme)

Time: 3 hrs **Max marks: 100**

- Answer all questions
- Write section A and section B in separate answer books (**32 pages**). Do not mix up questions from section A and section B.

Q P Code: 201002 **Section A – Pathology** **Marks: 50**

Essay **(14)**

1. Define inflammation. Mention the types and discuss chemical mediators of acute inflammation. (2+2+10)

Short essays **(2x8=16)**

2. Define anemia. Discuss the laboratory diagnosis of megaloblastic anemia. (2+6)
3. Define amyloidosis. Classify and discuss the pathogenesis. Mention the various stains. (2+4+2)

Short notes **(5x4=20)**

4. Metaplasia
5. Metastasis
6. Pleomorphic adenoma
7. Hemophilia A
8. Rickets

Q P Code: 202002 **Section B – Microbiology** **Marks: 50**

Essay **(14)**

1. Name the pyogenic cocci of medical importance. Describe the mode of transmission, clinical features and laboratory diagnosis of streptococcus pyogenes infection. Add a note on cariogenic streptococci (4+1+5+4)

Short essays **(2x8=16)**

2. Describe the causative agent, mode of transmission and laboratory diagnosis of pulmonary tuberculosis (2+2+4)
3. Define and classify immunity. Discuss the various methods to develop active immunity. (2+2+4)

Short notes **(5x4=20)**

4. Herpes virus
5. Moist heat sterilisation
6. Anaphylaxis
7. Borrelia vincentii
8. Actinomycetes

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