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Second Year BDS Degree Supplementary Examinations July 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 thrombosis. Mention the types of thrombus. Describe the etiopathogenesis of thrombosis. Mention the fate of thrombosis. (2+2+6+4)

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

2. Define Leukemia.Give the classification of leukemia. Describe the peripheral blood picture in chronic myeloid leukemia (2+3+3)
3. Define gangrene. Mention the types of gangrene. Describe gas gangrene. (2+2+4)

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

4. Squamous cell carcinoma
5. Define metaplasia. Mention the types with examples.
6. Classify bone tumours.
7. Congenital syphilis.
8. Anticoagulants.

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

Essay **(14)**

1. Describe the morphology, pathogenesis, laboratory diagnosis and prophylaxis of corynebacterium diptheriae. (3+4+4+3)

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

2. Classify immunity. Write a detailed account on innate immune mechanisms of our body. (2+6)
3. Describe the bacterial cell wall. Write the differences between gram-positive and gram-negative cell wall of bacteria. (6+2)

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

4. Transport media
5. Serum sickness
6. Ascaris lumbricoides
7. Laboratory diagnosis of Human Immunodeficiency virus
8. Oral lesions caused by fungi

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