

**Second Year BDS Degree Examinations July 2018**

**General Pathology & General Microbiology**

**(2016 Scheme)**

**Time: 3 hrs**

**Max marks: 70**

- Answer all questions
- Draw diagrams wherever necessary
- 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: 211002**

**Section A: General Pathology**

**Max Marks: 35**

**Essay: (10)**

1. Definition and classification of neoplasia. Describe the difference between benign and malignant tumors. (2+8)

**Short Notes: (2x5=10)**

2. Aetiology and morphology of fatty liver (2+3)
3. Definition, types and etiology of leukemoid reaction (1+1+3)

**Answer Briefly: (5x3=15)**

4. Congenital syphilis
5. Urinary sediments
6. Classical hemophilia
7. Apoptosis
8. Rickets

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**Section B: General Microbiology**

**Max Marks: 35**

**Essay: (10)**

1. Describe the pathogenesis and immunoprophylaxis of clostridium tetani. (5+5)

**Short Notes: (2x5=10)**

2. Discuss the principle of various types of ELISA. Add a note on its application. (4+1)
3. Describe the principle and working of autoclave. (2+3)

**Answer Briefly: (5x3=15)**

4. Mumps
5. Oral thrush
6. Herpes simplex virus 1
7. Hydatid cyst
8. Passive immunity

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