Q.P. Code: 203001   **Reg. no.: ....**

Second Professional MBBS Degree Examinations, February 2015

Clinical Pathology and General Pathology - Paper I

Time: 2 Hours   **Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

Essay: **(8)**

1. Define reversible and irreversible cell injury. What is the pathogenesis of irreversible cell injury. Define and describe the type of necrosis and gangrene   (1+3+4=8)

Short essay: **(6)**

2. A 45 years old male was admitted with complaints of yellowish discoloration of eyes and distension of abdomen since 15 days. USG abdomen shows contracted liver with loss of architecture and splenomegaly. Patient is a chronic alcoholic since 15 years. Answer the following:
   - What is your most probable diagnosis.
   - Describe the gross and microscopic features of the organs involved.
   - Name the laboratory investigation to be done in this case and the expected variation in this values
   - List three complications of the above condition.

Short notes: **(4x4=16)**

3. Erythrocyte sedimentation rate
4. Pathogenesis of amyloidosis
5. Staining of peripheral blood film
6. Transudate and exudate

Answer briefly: **(4x2=8)**

7. Actinomycosis
8. Pathogenises of CNS lesions seen in HIV infection
9. Exfoliative cytology
10. Manifestations of vitamin A deficiency

Answer in single sentence: **(4x½=2)**

11. Define delayed hypersensitivity reaction.
12. Define fixed specific gravity.
13. Define dysplasia.
14. Mention two anticoagulants.

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