

**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. Pathogenesis of CNS lesions seen in HIV infection
9. Exfoliative cytology
10. Manifestations of vitamin A deficiency

**Answer in single sentence:**

**(4x1/2=2)**

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

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