

Q.P. Code: 203001

Reg. no.: .....

**Second Professional MBBS Degree Examinations February 2018****Clinical Pathology and General Pathology - Paper I****Time: 2 Hours****Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essay: (8)**

1. Enumerate the types of wound healing. Describe the mechanism of wound healing and factors influencing it. Add a note on fracture healing. (1+3+2+2)

**Short essay: (6)**

2. A 30 years old male truck driver presented with history of fever & cough since 3 weeks, progressive fatigue and weight loss of about 10 Kg during the last 6 months. O/E: He had generalized lymphadenopathy, warts on hands and genitals. CNS: Neck stiffness +, Kernig's sign positive. RS: Crepitations +. He died after 2 days.
  - What is your diagnosis
  - Explain the etiopathogenesis of the condition.
  - What is the probable cause of death(1+3+2)

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

3. Chemical carcinogenesis
4. CSF findings in pyogenic meningitis
5. Differences between dystrophic and metastatic calcification
6. Hypersensitivity reactions

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

7. Manifestations of vitamin D deficiency
8. Virchow's triad
9. Tests done in faeces
10. Lepromatous leprosy

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

11. Define metaplasia
12. Enumerate two causes of proteinuria
13. List two tumor markers
14. Name parasites seen in peripheral blood smear

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