

**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

**(8)**

**Essay:**

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)**

**(6)**

**Short essay:**

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)**

**(4x4=16)**

**Short notes:**

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

**(4x2=8)**

**Answer briefly:**

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

**(4x½=2)**

**Answer in single sentence:**

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