

**Q.P. CODE: 104016**

**Reg. No: .....**

**First Year B.Sc Perfusion Technology Degree Examinations, August 2016**

**Pathology**

**Time: 3 Hrs**

**Max. Marks:80**

- Answer all questions
- Draw diagram wherever necessary

**Essays:**

**(2×10=20)**

1. Describe and compare the CSF findings in bacterial, viral and tuberculous meningitis.
2. Enumerate the various anticoagulants used in hematology. Discuss the uses, advantages and disadvantages of any two anticoagulants.

**Short notes:**

**(6×5=30)**

3. Bio medical waste management
4. ESR
5. Bombay blood group
6. Tissue decalcification
7. Cross matching
8. Methods for detection of proteins in urine

**Answer briefly:**

**(10×3=30)**

9. Formalin
10. Vacutainer tubes
11. Activated partial thromboplastin time
12. Plasma proteins
13. Ketone bodies
14. Urinary casts
15. Hemoglobin pipette
16. Packed cell volume
17. Parasites seen in stools
18. Microtome knife sharpening

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