

QP Code:103110

Reg.No.:.....

PG Degree Examinations in Pathology (MD) – May 2014

Paper III - Haematology, Transfusion Medicine and Laboratory Medicine

Time: 3 hrs

Max marks:100

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

Essays:

(20)

1. Define hemolytic anaemia and classify them. Discuss the screening and specific lab tests in a case suspected of haemolytic anaemia.

Short Essays:

(8x10=80)

2. Discuss the recent advances in bone marrow transplantation
3. Compare bone marrow aspiration and bone marrow trephine biopsy findings in leukaemias and lymphomas..
4. Classify myelodysplastic syndrome(MDS). Explain the morphology of MDS in peripheral blood and bone marrow.
5. Outline the principles and methodology of polymerase chain reaction (PCR).
6. ESR its significance and automation in ESR
7. Explain automation in urine analysis
8. Autoimmune thrombocytopenia
9. Discuss the preparation of various blood components
