

QP Code:103110

Reg.No.:.....

PG Degree Examinations in Pathology (MD) – June 2015

Paper III - Haematology, Transfusion Medicine and Laboratory Medicine

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. Discuss about adverse reaction to blood transfusion . What are the lab tests that are done in investigating a case of transfusion reactions.

Short Essays:

(8x10=80)

2. Describe microscopic examination of urine with a note about urinary sediments in health and disease.
3. Discuss about indications , methodology and interpretation of semen analysis.
4. What is pancytopenia. Discuss the differential diagnosis and lab investigations to be done in a case of pancytopenia.
5. Discuss in detail about sideroblastic anaemia.
6. Discuss the principles, methodology and applications of fluorescent in situ hybridisation(FISH).
7. Discuss about the principles of automated cell counters and its advantages.
8. What is exchange transfusion . Discuss its principles and applications.
9. Discuss the molecular basis and newer diagnostic methods in thalassemia.
