

QP Code:103108

Reg.No.:.....

PG Degree Examinations in Transfusion Medicine (MD) - May 2017

Paper III - Blood Donor Organization, Technology of Components, Clinical Hemotherapy

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. A 35 years old patient with AML has received apheresis platelet concentrate for correction of thrombocytopenia. Physician of the patient has noticed no increment in the post transfusion platelet count. How would you investigate and manage this patient.

Short essays:

(8x10=80)

2. Discuss appropriate uses of intravenous immunoglobulins (Ivlg)
3. Discuss various strategies to decrease donor exposure in neonates
4. What factors would you consider prior to implementing a screening test for any new infection on all blood donations in the country.
5. What do you mean by installation qualification, operational qualification and performance qualifications. Discuss their importance in relation to GMP.
6. Compare and contrast single donor products versus random donor components
7. Blood donor motivation and retention strategies
8. Discuss merits and demerits of donor deferral criteria in India with respect to past history of jaundice
9. Application of thromboelastography (TEG) for transfusion support in orthotopic liver transplantation
