

(LI 190)

APRIL 2016

Sub. Code:2099

M.D. DEGREE EXAMINATION

BRANCH XXI – IMMUNOHAEMATOLOGY AND BLOOD TRANSFUSION

**PAPER IV – RECENT ADVANCES IN IMMUNO-HAEMATOLOGY AND
BLOOD TRANSFUSION**

Q.P.Code: 202099

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the methods for platelet bacteria screening.
2. Emerging Pathogens.

II. Write notes on:

(10 x 7 = 70)

1. NAT for transfusion transmitted infection.
2. Hepatitis E.
3. Discuss the current methods available for irradiation of blood products and their clinical indications.
4. Passenger lymphocyte syndrome.
5. Highly purified liquid Immunoglobulin G.
6. Red blood cell microvesicles.
7. Blood donation by elderly repeat donors.
8. Methods to detect fetal anaemia.
9. Extended storage of platelets.
10. Ebola virus, transmission risk to laboratory personnel and pre transfusion Testing.
