

Q.P.Code:301379

REG. No:.....

Final Year M.Sc Medical Physiology Degree Examinations, September 2013

Time: 3 hrs

Max. Marks:- 100

General Physiology, Haematology and Cardiovascular System

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

Essay: (20)

1. Define cardiac output. Which methods are commonly used to measure cardiac output. What are the advantages and disadvantages of each method.

Short Essays: (8x10=80)

2. Neuromuscular junction
3. Hazards of mismatched blood transfusion.
4. What are Korotkoff's sounds. How are they produced.
5. Describe the proteins that help in transport across the cell membrane.
6. What is rigor mortis and mention its medico-legal importance.
7. Conducting system of the heart.
8. Coronary circulation.
9. Sino-aortic mechanism
