

Q.P.Code:301379

REG. No:.....

Final Year M.Sc Medical Physiology Degree Examinations September 2017

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 giving normal values; Describe regulation of cardiac output at rest and during exercise

Short Essays: (8x10=80)

2. Origin and spread of cardiac impulse in human heart
3. Erythropoiesis and role of maturation factors
4. Define arterial Blood pressure. Explain long term regulation of Blood pressure.
5. Cerebral circulation and its regulation
6. Active transports across cell membrane
7. Functions of plasma proteins
8. Einthovan's law and it's application in ECG recording
9. What is hemostasis. Explain its mechanism.
