

QP Code:102114

Reg.No.:.....

**PG Degree Examinations in Physiology (MD) - June 2016**

**Paper II - Systemic Physiology (Hematology, CVS, GIT, Respiratory System,  
Renal Physiology)**

**Time: 3 hrs**

**Max marks:100**

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

**Essays:** (20)

1. Discuss the regulation of cardiac output in detail.

**Short essays:** (8x10=80)

2. Anticoagulant mechanism in vivo.
3. Mechanism of immunological tolerance
4. Abnormal pacemakers and conduction defects in heart.
5. Regulation of cerebral circulation
6. Gastric emptying
7. Mechanism of water reabsorption
8. Lung compliance
9. Physiological basis of treatment of each type of hypoxia

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