

QP Code:102114

Reg. No.:.....

**PG Degree Supplementary Examinations in Physiology (MD)
October 2019**

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

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Discuss in detail the salient features of coronary circulation and its regulation.
Add a note on myocardial infarction.

Short essays:

(8x10=80)

2. Pancreatic enzymes
3. Chloride shift
4. Glucose transporters
5. Anticoagulant systems in vivo
6. Chemical regulation of respiration in health and disease
7. Endothelins
8. Blood transfusion reactions
9. Anion gap
