

QP Code:102114

Reg.No.:.....

PG Degree Examinations in Physiology (MD) April 2018

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

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Discuss the moderate exercise induced cardiovascular adjustments in a subject with transplanted heart.

Short essays:

(8x10=80)

2. Neural mechanisms underlying depth and rate of breathing.
3. Respiratory adjustments on acute ascent to high altitude.
4. Discuss about bleeding disorders and its diagnostic laboratory investigations
5. Coronary blood flow – physiological features and its regulation
6. Gastro-oesophageal reflux.
7. Enteric nervous system in gastrointestinal functions
8. Dysfunction of urinary bladder in spinal cord injuries
9. Functional significance of loop of Henle
