

QP Code:102114

Reg.No.:.....

**PG Degree Supplementary Examinations in Physiology (MD) -
November 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. Compare the action potential of different parts of conducting system of heart.

Short essays: (8x10=80)

2. Structure and functions of juxtaglomerular apparatus.
3. Baroreceptors in regulation of blood pressure
4. Discuss how glucose is handled in renal tubule
5. Cheyne-stokes respiration
6. Explain the physiological basis of signs and symptoms of decompression sickness.
7. Innate immunity.
8. Motility of stomach
9. Digestion and absorption of fat
