

QP Code:102114

Reg. No.:.....

PG Degree Examinations in Physiology (MD) April 2019

**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 clotting mechanisms. Add a note on fibrinolytic system.

Short essays:

(8x10=80)

2. Events during cardiac cycle.
3. Role of baroreceptors in short term regulation of blood pressure.
4. Discuss the various factors involved in chemical regulation of respiration.
5. Carbon dioxide transport and explain Haldane effect
6. Composition and functions of bile. Add a note on gallstone formation.
7. Types and regulation of gastric motility.
8. Formation of urine.
9. Regulation of body temperature
