

Q.P. Code: 301379

Reg. No:.....

**Third Year M.Sc Medical Physiology Degree Supplementary
Examinations February 2019**

General Physiology, Haematology and Cardiovascular System

Time: 3 hrs

Max. Marks: 100

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

Essay: (20)

1. Describe blood flow through various organs. How are they adjusted according to local needs.

Short Essays: (8x10=80)

2. Venous return and its regulation
3. Active transport mechanisms
4. Leucopoiesis
5. Haemoglobin types and functions of adult haemoglobin
6. Peripheral resistance and factors regulating it
7. Structure and functions of cell membrane
8. Classify anaemias giving suitable examples and explain the manifestations of anaemia
9. Extra cellular fluid volume compartments and oedema.
