

Q.P. Code: 301379

Reg. No:.....

**Third Year M.Sc Medical Physiology Degree Regular/Supplementary
Examinations September 2021**

General Physiology, Haematology and Cardiovascular System

Time: 3 hrs

Max. Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Give an account of various factors involved in blood coagulation. Describe Intrinsic and extrinsic mechanism of blood clotting. Write a note on fibrinolytic system.

Short Essays:

(8x10=80)

2. Describe various types of active transport across cell membrane.
3. Describe erythroblastosis foetalis and prevention methods.
4. Blood buffers in regulation of PH.
5. Draw a neat diagram of conducting system of the heart. Indicate the velocities at various levels and its importance.
6. Describe short term regulation of blood pressure.
7. Factors influencing cardiac output.
8. Regional blood flow to various organs.
9. Describe the special features of coronary circulation.
