

M.Sc. - II (Zoology) (CBCS Pattern) Semester-III
PSCZOOT11-4 - Core Elective-I - Animal Physiology Paper-II
Physiology of Circulation

P. Pages : 1

Time : Three Hours



GUG/W/24/11320

Max. Marks : 80

- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw well labelled diagram wherever necessary.

1. Give detail account on types of heart. 16

OR

Write notes on:

- a) Nerve innervation of heart. 8
- b) Specialized conducting fibers. 8

2. Give detail account on cardiac output. 16

OR

Write notes on:

- a) ECG 8
- b) Cardiac failure 8

3. Give detail account on Blood group's and blood transfusion. 16

OR

Write notes on:

- a) Cellular composition of blood. 8
- b) Causes and control of hypolipidemia. 8

4. Describe cascade of biochemical reaction involved in blood coagulation. 16

OR

Write notes on:

- a) Transport of O₂. 8
- b) Formation and function of lymph. 8

5. Attempt the following. 16

- a) Blood Pressure
- b) Electro Cardiogram (ECG)
- c) Hyperglycemia.
- d) Albumins
