

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
PARUL INSTITUTE OF VOCATIONAL STUDIES
DEPARTMENT OF PARAMEDICAL AND HEALTH SCIENCES

Year : 1 - B. Sc.

Date: 27/11/2018

Subject Code: 19100109

Time: 10:00 – 11:30 am

Subject Name: Physiology

Total Marks: 30

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

- Q.1 Answer the following questions in details (2 out of 3) (Each worth 7.5 marks) 15 marks**
1. Write in details about different types of White Blood Cell.
 2. Define cell and write structure of the cell with figure.
 3. Write in detail about erythropoiesis
- Q.2 Write short notes on any of the following (2 out of 3) (Each worth 5 marks) 10 marks**
1. Diffusion
 2. Phagocytosis
 3. Neuromuscular Junction
- Q.3 Answer in short (5 out of 7) (Each worth 1 marks) 05 marks**
1. Define Apoptosis
 2. Write down Normal Platelet count
 3. Write down normal Haemoglobin concentration in male and female
 4. Write down normal value of Resting membrane potential of skeletal muscle
 5. Which blood group are universal donor and universal recipient?
 6. What is All or None Law?
 7. Write down functions of blood.