

Seat No.: _____

Enrolment No. _____

PARUL UNIVERSITY
DEPARTMENT OF PARAMEDICAL AND HEALTH SCIENCES
1st Internal Exam, March 2022

Year: 1st year B.Sc. (New)

Date: 09/03/2022

Subject code: 19100163

Time: 10:30 am

Subject Name: Physiology

Total Marks: 30marks

Instructions:

1. Attempt all questions from each section
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.

Q.1. Answer the following Questions (Any Two) (Each 7.5 Marks) (15)

1. What are the hormones secret from thyroid gland? Discuss the function of thyroid hormones in details.
2. What is hemostasis? Discuss blood clotting mechanism in details.
3. Discuss the cell membrane transport mechanism in details.

Q.2. Answer the following Questions (Any Two) (Each 5 Marks) (10)

1. What is immunity? Discuss the type of immunity in details with examples.
2. Discuss structure and function of cell membrane in details.
3. Discuss the composition and function of blood in details.
4. What are the hormones secret from adrenal gland? Discuss the function of adrenal hormones in details.

Q.3. Answer the following Questions (Any Five) (Each 1 Mark) (05)

1. What are the organelles found in cytoplasm?
2. Define anemia.
3. What is normal count of rbc and wbc?
4. What are the phase of menstrual cycle?
5. What is active transport?
6. Short note on MCV.
7. What are the hormones secret from pituitary gland?