

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF MEDICINE
M.B.B.S September - 2019 Examination

Year: 1

Subject Code: 19100103

Subject Name: Physiology Paper- I

Date: 27/09/2019

Time: 10:30 am to 01:00 pm

Total Marks: 50

Instructions:

1. Attempt all questions from each section.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Write section-A, section-B, section-C on separate answer sheets.

Section A

Q.1. Long essay Question

Define arterial blood pressure. Describe the short term regulation of blood pressure.

(10)

Q.2. Short notes on (any 2)

- a. Humoral immunity
- b. Platelets
- c. RH factor

(08)

Section B

Q.3. Write briefly on (any 3)

- a. Dysbarism
- b. Oxygen transport in blood.
- c. Vital capacity
- d. Sodium potassium ATPase pump.

(15)

Section C

Q.4. Write notes on (any 4)

- a. Nephron
- b. Juxtaglomerular apparatus
- c. Micturition reflex
- d. Composition and functions of gastric juice
- e. Movements of small intestine.

(12)

Q.5. One word Question/ Answer in one sentence

- a. At high altitude , -----type of hypoxia is seen.
- b. ----- deficiency is the most common cause of microcytic anaemia.
- c. Pace maker of heart is -----.
- d. In chronic renal failure ,anemia occurs due to deficiency of -----.
- e. ----- is known as power house of cell

(05)