

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF HOMOEOPATHY
BHMS, December - 2018 Examination

Year: 1
Subject Code: 04101103
Subject Name: Physiology Paper-I

Date: 19/12/2018
Time: 10:00am to 1:00pm
Total Marks: 100

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 on separate answer sheets.
5. Draw diagrams wherever necessary.

SECTION-A

- Q-1:** Describe Haemostasis OR Cardiac cycle in detail. [15]
Q-2: Describe Basic properties of cardiac muscle fibres. [15]

OR

- (A) Leads of ECG [08]
(B) Function of Spleen [07]
- Q-3: Short notes(Any three):** [15]
(1) Mitosis
(2) Cardiac murmur
(3) Purpura
(4) RE system
(5) Colloid

- Q-4: Write answers:** [05]
(1) Write names of different types of Plasma proteins.
(2) Define Mean Arterial pressure.
(3) What is normal Heart rate?
(4) Define Allergy.
(5) What is function of Golgi body?

SECTION-B

- Q-1:** Describe Juxta-glomerular Apparatus & its functions OR Transport of oxygen from lungs to tissue cells in detail. [15]
Q-2: Describe the role of kidney in Acid-base balance. [15]

OR

- (A) Compliance of lung [08]
(B) Renal function test [07]
- Q-3: Short notes(Any three):** [15]
(1) Tetany
(2) Glycosuria
(3) Cough Reflex
(4) Pyrexia
(5) Function of skin

- Q-4: Write answers:** [05]
(1) What is normal core temperature?
(2) Define Fatigue.
(3) What is Cyanosis?
(4) Define hypercapnoea.
(5) What is Dialysate?