

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

Year: 1

Subject Code: 19100104

Subject Name: Physiology Paper- II

Date: 22/07/2019

Time: 10.30am To 1.00pm

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 : **(10)**
Enumerate the nuclei of Hypothalamus. Describe their functions .

Q.2. Short notes on (any 2) **(8)**
a. Accomodation of eye
b. Taste sensation..
c. Functions of middle ear

Section B

Q.3. Write briefly on (any 3). **(15)**
a. Oxytocin.
b. Parathyroid hormone
c. Insulin
d. Factors affecting spermatogenesis..

Section C

Q. 4 Write notes on (any 4) **(12)**
a. Ovulation
b. Reflex arc
c. Neuromuscular junction
d. Hyperthermia.
e. Fatigue in skeletal muscle

Q.5. One word Question/ Answer in one sentence : **(5)**
a. Myopia is corrected with the help of ----- lens..
b. High frequency sound waves are detected by -----part of basilar membrane.
c. Basis of pregnancy test is the ----- hormone.
d. Intention tremor is seen in ----- disease.
e. Shivering causes ----- of body heat.