

PARUL UNIVERSITY
FACULTY OF HOMOEOPATHY
BHMS, October-2016 Examination

Year: 1

Subject Code: 04101104

Subject Name: Physiology & Biochemistry Paper -II

Date: 18/10/2016

Time: 10:00am to 1:00pm

Total Marks: 100

Instructions:

1. Attempt all questions from each section.
2. Figures to the right indicate full.
3. Make suitable assumptions wherever necessary.
4. Write separate sections on separate answer sheets.

SECTION: A

Q.1 Classify receptors. Describe their properties. (15)

OR

Q.1 Describe composition, functions and regulation of mechanism of salivary secretion. (15)

Q.2 Describe the digestion and absorption of fat. (15)

OR**Q.2 Write notes on:**

(a) Functions of hypothalamus. (08)

(b) Describe the functions of bite salts. (07)

Q.3 Write Short notes. (Any three out of five) (15)

1. Wallerian degeneration.

2. Membrane potential.

3. Essential amino acids.

4. Enterogastric reflex.

5. Pupillary reflex.

Q.4 Write Answer in short. (05)

1. What do you mean by Seddonneuropraxia?

2. Name the different types of neuron.

3. Name the glands of stomach.

4. Define Myopia.

5. Give the name of different types of papillae located on tongue.

SECTION: B

Q.1 Describe physiology of growth hormone. (15)

OR

Q.1 Describe the process of spermatogenesis and its control. (15)

Q.2 Describe the various phases of menstrual cycle & their hormonal regulation. (15)

OR**Q.2 Write notes on:**

(a) Hormones of post pituitary. (08)

(b) Describe the role of placenta during pregnancy. (07)

Q.3 Write Short notes. (Any three out of five) (15)

1. Glycogen.

2. Acromegaly.

3. B.M.R.

4. T.C.A. Cycle.

5. Vitamin C.

Q.4 Write Answer in short. (05)

1. Name hormone of parathyroid gland.

2. Name the disorders of thyroid gland.

3. Define enzymes.

4. Which vitamin is known as anti-sterility vitamin?

5. Name the disease condition which is caused due to deficiency of Niacin.