

**PARUL UNIVERSITY**  
**FACULTY OF HOMOEOPATHY**  
**BHMS, Supplementary December 2018 Examination**

Year: 1

Date: 20/12/2018

Subject Code: 04101104

Time: 10:00 am to 01:00 pm

Subject Name: Physiology – Paper II

Total Marks: 100

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

**SECTION-A**

**Q.1** Describe the physiology of limbic system **(15)**

**OR**

**Q.1** Describe composition, functions & regulation of secretion of gastric juice **(15)**

**Q.2** Describe the structure, function & properties of synapse **(15)**

**OR**

**Q.2** **Write Notes On:**

(a) CSF **(08)**

(b) Functions of saliva **(07)**

**Q.3** **Short notes (Any three):** **(15)**

1) Errors of refraction

2) Succus entericus

3) Functions of hypothalamus

4) Bile salts

5) Neuro muscular junction

**Q.4** **Write answers:** **(05)**

(1) What is function of Lingual lipase?

(2) Define pain.

(3) What is clonus?

(4) Define dark adaptation.

(5) What is function of Glicentin?

**SECTION-B**

**Q.1** Describe physiology of posterior pituitary hormones **(15)**

**OR**

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

**Q.2** Describe the physiology of menstrual cycle. **(15)**

**OR**

**Q.2** **Write Notes On:**

(A) Thyroxin **(08)**

(B) Puberty **(07)**

**Q.3** **Short notes (Any three):** **(15)**

(1) Aldosterone                      (2) Vitamin B12                      (3) BMR

(4) Glycogenolysis                      (5) Placenta

**Q.4** **Write answers:** **(05)**

(1) What is menarche?

(2) Define hormone

(3) Which are the types of vitamins?

(4) Which are the symptoms of Rickets?

(5) What is somatostatin?