

Enrolment No. _____

Roll No.: _____

PARUL UNIVERSITY
SCHOOL OF PHARMACY
D.PHARM FIRST YEAR

THIRD INTERNAL THEORY EXAMINATION: 2019-20

Subject Name: Human Anatomy and Physiology

Date: 13/03/20

Subject Code: 08600105

Total Marks: 20

Time: 1 Hour

Instructions:

1. Make suitable assumptions wherever necessary.
2. Figures to the right indicate full marks.

Q.1 Multiple choice questions:

07 X 1 = 07M

- 1) The "Master gland" of endocrine system, located at the base of brain, is
(A) Apical gland (B) Pituitary gland (C) Pancreas (D) Thyroid gland
- 2) The structure of the male animal that carries both urine and sperm is called
(A) Ureter (B) Urethra (C) Vagina (D) Ovary
- 3) Process of taking food in is called
(A) Distillation (B) Absorption (C) Ingestion (D) Defecation
- 4) Which type of gland secretes hormones directly into bloodstream rather than into ducts leading to exterior of the body
(A) Endocrine gland (B) Exocrine gland (C) Sweat gland (D) All of above
- 5) Which of the following cells responsible for colour vision?
(A) Rod cells (B) Cone cells (C) Rods and cones both (D) None of them
- 6) Thyroxine hormone secreted by which gland?
(A) Pituitary (B) Adrenal (C) Ovaries (D) Thyroid
- 7) Biting and grinding of food between the upper and lower teeth called,
(A) Mastication (B) Digestion (C) Excretion (D) Ingestion

Q.2 Long Essay (Answer Any One)

05 X 01 = 05M

1. Draw a labeled diagram of male reproductive system and describe any 2 organs in detail.
2. Discuss anatomy and physiology of liver.

Q.3 Short Essay (Answer Any Four)

02 X 04 = 08M

1. Draw a labeled diagram of human eye.
2. Name the hormones secreted from anterior and posterior pituitary gland.
3. Discuss salivary glands and its functions.
4. Explain shortly on physiology of Muscle contraction.
5. Draw a labeled diagram of skin and enlist functions of it.
6. Draw a labeled diagram of spinal cord. Describe its function.

***** BEST OF LUCK *****