

PARUL UNIVERSITY
FACULTY OF PHARMACY
B.Pharm. Summer 2018-19 Examination

Semester: 2**Subject Code: 08101154****Subject Name: Human Anatomy, Physiology and Health Education-II****Date: 09/04/2019****Time: 2:00 pm to 5:00 pm****Total Marks: 75****Instructions:**

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

Q.1 Essay type Questions. (Any 2 out of 3) (10 marks each) (20)

1. Classify nervous system. Write a note on cerebellum and pons.
2. Explain anatomy of female reproductive system with neat and labeled diagram. Write a short note on menstruation cycle.
3. Enumerate endocrine glands and its hormones. Discuss the secretions, regulation and functions of the thyroid gland hormones.

Q.2 Short Essay type Questions. (Any 7 out of 9) (5 marks each) (35)

1. Discuss urine formation.
2. Explain anatomy and physiology of adrenal gland.
3. Enumerate various methods of contraception. Describe surgical methods in detail.
4. Define glaucoma. Draw neat and labeled diagram of cross section of human ear.
5. Write a note on physiology of hypothalamus.
6. Write a note on lung volumes.
7. Draw a neat and labeled diagram of spinal cord.
8. Discuss causative agent, mode of spread and prevention of typhoid.
9. Classify different types of reflex action. Write a note on first aid treatment in shock and snakebite.

Q.3 Answer in short. (2 marks each) (20)

1. Give a causative agent and mode of spread of cholera.
2. What are the functions of Cerebrospinal fluid?
3. Discuss in brief demography.
4. Explain physiology of lung.
5. Write a note on immunity.
6. Write a name of cranial nerve X and its function.
7. What is causative agent and mode of spread of influenza?
8. Classify neurotransmitter.
9. Define gynecomastia and Acromegaly.
10. Explain the terms: (I) Diabetes mellitus (II) Polycystic ovarian syndrome