

PARUL UNIVERSITY
FACULTY OF PHARMACY
B.Pharm. Winter 2019 - 20 Examination

Semester: 2**Subject Code: 08101154****Subject Name: Human Anatomy, Physiology and Health Education-II****Date: 26/11/2019****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. Define and classify nervous system. Explain anatomy and physiology of neuron.
2. Explain physiology of respiration.
3. Write anatomy and physiology of eye.

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

1. Write physiology of pancreas.
2. Write a short note of immunity.
3. Write a note of first aid for treatments of shock and snake bite.
4. Write causative agent, mode of spread, prevention and treatment of typhoid fever.
5. Explain physiology of urine formations.
6. Describe spermatogenesis and oogenesis.
7. Write functions of adrenals and pancreas.
8. Differentiate sympathetic and parasympathetic nervous system.
9. Write methods for measuring lung functions.

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

1. Enumerate functions of growth hormone.
2. Define any two disorders of lungs.
3. What are the functions of endocrine glands?
4. Enumerate contraceptive device.
5. Define hypoxia and asphyxia.
6. Write functions of spleen.
7. Enumerate functions of hormones released by thyroid gland.
8. Draw labeled diagram of kidney.
9. What are cardiac arrhythmias?
10. Write symptoms of food poisoning.