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B.Pharm
BP201T

2nd Semester Regular Examination 2017-18
HUMAN ANATOMY AND PHYSIOLOGY II –THEORY

BRANCH : B.Pharma

Time : 3 Hours

Max Marks : 75

Q.CODE : C598

Answer Question No.1 (Part-A) and 02 (Part-B) which are compulsory and any two from Part-C.

The figures in the right hand margin indicate marks.
Answer all parts of a question at a place.

Part- A

Q1 Objective Answer Type Questions (Answer All) : (2 x 10)

- a) Write the composition and role of gastric juice.
- b) What is the function of Aldosterone?
- c) What is menarche and menopause?
- d) Define external respiration?
- e) What is Peptic ulcer?
- f) What is residual volume?
- g) Define vital capacity?
- h) Write two functions of cerebellum.
- i) Write the disorders due to hypo secretions of Thyroid hormones.
- j) Is pancreas an endocrine or exocrine gland? Justify your answer.

Part- B

Q2 Focused-Short Answer Type Questions- (Answer Any Seven) : (5 x 07)

- a) Neurotransmitters
- b) Protein synthesis
- c) Renin Angiotensin system
- d) Spermatogenesis
- e) Process of urine formation.
- f) Mechanism and regulation of respiration
- g) Mechanism of acid production and its regulation
- h) Anatomy and physiology of Liver
- i) Feedback mechanism of secretion of hormones

Part-C

Long Answer Type Questions (Answer Any Two) :

- Q3** Define CNS. Write different parts of brain with labeled diagram. Write a note on structure and functions of cerebrum. **(10)**
- Q4** Define digestive system. With neat and labeled diagram describe different parts of human digestive system. Write a note on carbohydrate metabolism. **(10)**
- Q5** Write in detail about hormones of the pituitary gland and the disorders occur due to their hypo and hyper secretions. **(10)**
- Q6** Write brief notes on female reproductive system. Describe various physiological changes occur during puberty in female. **(10)**