

**B.Sc. (Honours) in Yoga Examination, 2018**  
**Semester-II**  
**Course: BS-CT203**  
**(Human Anatomy and Physiology-II)**

**Time – 3 Hours**

**Full Marks – 70**

*Questions are of value as indicated in the margin*

**Answer one question from each unit**

**Unit-I**

1. Classify human brain with a flow chart. Write down the functions of various parts of the brain. Discuss on Reflex action. 4+8+3=15

**Or**

What constitutes the nervous system? Classify the nervous system. Describe the structure and functions of the spinal cord. 3+4+8=15

**Unit-II**

2. What is endocrine system? What are the important endocrine glands of human? Describe the location and functions of thyroid and parathyroid glands. 3+4+8=15

**Or**

What is hormone? Produce a chart of hormones mentioning their related sources and functions. 3+12=15

**Unit-III**

3. What is reproductive system? Describe the structure and functions of male reproductive system. 3+12=15

**Or**

What is excretory system? Describe the structure and function of excretory system. Discuss the mechanism of Urine formation. 2+8+5=15

**Unit-IV**

4. Write short notes on **any two** of the following: 7.5 x 2=15
- a) Spleen
  - b) Autoimmunity
  - c) Antigen and Antibody
  - d) Composition and functions of lymph

**Unit-V**

5. Answer **any ten** questions of the following: 1 x 10=10
- a) Which of the glands is called the 'Master Gland'?
  - b) Which of the glands regulate the rate of metabolism in the body?
  - c) What is the media of passing information from one organ to another organ?
  - d) How many chromosomes are there in the human body?
  - e) From which gland insulin hormone is secreted?
  - f) What is the biggest lymphatic gland in our body?
  - g) What is 'blind spot'?
  - h) How many spinal nerves are there in human body?
  - i) What is nephron?
  - j) Name the 'mixed gland' in human body.
  - k) What is C.F.S.?
  - l) What is placenta?
-