

**B.Sc. (Honours) in Yoga Examination, 2018**  
**Semester-I**  
**Yoga**  
**Course: BS-CT103**  
**(Human Anatomy and Physiology-I)**

**Time: Three Hours**

**Full Marks: 70**

**Questions are of values as indicated in the margin**

**UNIT- I**

1. Draw well labelled minute structure of human Cell and describe in detail.

6+9=15

**Or**

Prepare a list of 206 Bones found in human body. Discuss with examples the various types of Joint in the bony skeleton.

10+5=15

**UNIT- II**

2. Draw well labelled diagram of different parts of the Respiratory System and describe in detail.

5+10=15

**Or**

Discuss the Sources and Role of Carbo-hydrate and Protein.

7.5+7.5=15

**UNIT- III**

3. Describe the anatomy of human Heart with the help of diagram.

15

**Or**

Discuss with diagram of the mechanism of blood circulation in human body. Briefly discuss the components of Blood.

9+6=15

**UNIT- IV**

4. Write notes on **any two** of the following:

7.5+7.5=15

- a. Classification of bones
- b. Malnutrition
- c. Blood pressure

**UNIT- V**

5. **Answer any ten questions from the following:**

1×10=10

- a. What do you mean by Cytology?
  - b. What is True Rib?
  - c. What is Mitochondria?
  - d. Which part of the cell is also known as Protein Factory?
  - e. Define Myology.
  - f. Which bone is also known as Atlas bone?
  - g. Define balance diet.
  - h. What do you mean by Abduction?
  - i. Which part of the Respiratory System also called Voice Box?
  - j. Which vitamins protect us from night blindness and beriberi disease?
  - k. Define Cardiac Output.
  - l. Write down two differences between artery and vein.
  - m. Define heart rate.
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