

Roll No.

Exam Code : J-21

Subject Code—52883

**Yoga and Mental Health (One Year
Diploma) EXAMINATION**

(Main & Re-appear)

(Batch 2019 Onwards)

(First Semester)

HUMAN BIOLOGY

YMH-103

Time : 3 Hours

Maximum Marks : 70

Note : Attempt *Five* questions in all. Q. No. 1 is compulsory. All questions carry equal marks.

1. Answer the following questions in very short (maximum **20** words) :
 - (i) What is anatomy ?
 - (ii) What are enzymes ?
 - (iii) What do you mean by micturition ?
 - (iv) Write the role of hypothalamus.

- (v) Give functions of digestive system.
- (vi) Define fat.
- (vii) Explain the role of thyroid gland.

7×2=14

Section I

- 2. Enumerate different types of tissue. Give functions and structure of connective tissue. **14**
- 3. Classify different types of joints. Discuss in detail about functions of joints. **14**

Section II

- 4. Explain human heart with a neat diagram. Write a note on blood circulation. **14**
- 5. Give notes on the following :
 - (a) Pulmonary ventilation. **7**
 - (b) Anatomy of respiratory system. **7**

Section III

- 6. Write anatomy of digestive system with diagram. Describe physical digestion. **14**

- 7. Explain the following :

- (a) Vitamins. **7**
- (b) Structure and functions of kidney. **7**

Section IV

- 8. Write anatomy of human brain with diagram. Describe functions of cranial nerves. **14**
- 9. Discuss the following :
 - (a) Nerve fibers. **7**
 - (b) Parasympathetic nervous system. **7**