

SWAMI VIVEKĀNANDA YOGA ANUSANDHĀNA SAMSTHĀNA
Swami Vivekananda Yoga Anusudhana
A University, established under Section 3 of the UGC Act, 1956
(Eknath Bhavan, # 19, Gavipuram Circle, Kempegowda Nagar, Bangalore 560 019, India)

MS T 101 & 102 – Anatomy and Physiology

DATE: 25.05.2012

Time: 3Hours

Max. Marks: 100

I. Answer ANY THREE of the following

3 x 10=30

1. Enumerate the Respiratory Organs in the body and explain the mechanism of respiration along with spiritual back ground.
2. Define cells, tissues, its classification and types.
3. Draw a neat diagram of human digestive system and label the parts. Explain how the process of eating food is spiritual.
4. Name all the bones in the body from skull to feet in order.

II. Short Notes (ANY TEN)

10 x 5=50

1. Quadrants of Abdomen.
2. Classification of joints based on range of movements.
3. Blood composition and its normal values.
4. Shat Chakras and its corresponding anatomical organs.
5. Balanced diet and its deficiencies.
6. Classifications of Vertebrae and Muscles of Mastication.
7. Functions of Respiratory System.
8. Proteins.
9. Composition and function of Saliva.
10. Circulation.
11. Brain and its functions.

III. Fill in the blanks

1 x 10=10

1. Ingestion of cell is called as _____
2. Electrical changes occurring in the brain is recorded as _____
3. The largest Lymphatic Organ is _____
4. Duct of wirsung and duct of Santorin are found in _____
5. Difficulty in breathing is called as _____.
6. Green stick fracture occurs in _____
7. Enlargement of spleen is called as _____

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8. Inflammation of Tonsils is called as _____
9. _____ is the independent taste among six tastes.
10. The three vital organs in the body are _____, _____ and _____

IV. Match the following

1 x 5=5

	A	B	
1)	Blood	Liver	
2)	Nerve Impulse	Beta Cells	
3)	Anaahata	R.B.C.	
4)	Pancreas	Heart	
5)	Hepatomegaly	Brain	