

# TILAK MAHARASHTRA VIDYAPEETH, PUNE

## M.A. YOGA

EXAMINATION: MAY-2022

### SEMESTER - I

Sub. : Basics of Anatomy & Physiology(103)

**Date: 20/05/2022**

**Total marks: 60**

**Time: 10.00 am to 12.30 pm**

**Instructions:**

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.

**Q. 1 Multiple choice questions. (10)**

1. Cardiac Muscles are \_\_\_\_\_  
a) Voluntary    b) Involuntary  
c) (a) & (b)    d) none
2. \_\_\_\_\_ is a part which attach muscle to bone.  
a) Tendon    b) Sclera  
c) Joint    d) none
3. \_\_\_\_\_ is a functional unit of respiratory system  
a) Neuron    b) Alveoli  
c) Blood    d) Spleen
4. Hemoglobin is a part of \_\_\_\_\_  
a) Synovial fluid    b) Blood  
c) Urine    d) Sweat
5. \_\_\_\_\_ is largest gland in our body.  
a) Spleen    b) Liver  
c) Lung    d) Pancreas
6. \_\_\_\_\_ are cells of liver  
a) hepatocytes    b) reticulocyte  
c) lymphocyte    d) monocyte
7. \_\_\_\_\_ is the functional unit of excretory system.  
a) Nephron    b) Neuron  
c) Alveoli    d) Ureter
8. \_\_\_\_\_ are Salivary glands  
a) Parotid gland    b) Submandibular gland  
c) Sublingual gland    d) all the above
9. Growth hormone is secreted by \_\_\_\_\_  
a) Anterior pituitary gland    b) Posterior pituitary gland  
c) Thyroid gland    d) Hypothalamus
10. Parathyroid glands are \_\_\_\_\_ in number  
a) One    b) Two  
c) Three    d) Four

**Q. 2 Write short notes. (Any four) (20)**

1. Write about types of Muscles
2. What is bile & write about functions of bile
3. Functions of salivary glands
4. Functions of pancreas
5. Write about menstrual cycle
6. Write about Adrenal gland.

**Q. 3 Write any two answer. (Any Two)**

**(30)**

- 1) Explain cardiac cycle and heart sounds.
  - 2) Explain metabolism of proteins, fats and carbohydrates.
  - 3) Explain functional anatomy of respiratory system.
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