

**B.A.YOGA**

**INSTRUCTIONS – HOME ASSIGNMENT**

The home assignments should be submitted to **External Education Department, Tilak Maharashtra Vidyepeeth, Pune** not later than 31<sup>st</sup> October 2019.

Late fee of Rs.50/- will be charged for each subject for assignments received after 31<sup>st</sup> October, till 15<sup>th</sup> November 2019. Assignments will not be accepted after this date.

**TILAK MAHARASHTRA VIDYAPEETH**  
**B.A.YOGA (VISHARAD)**  
**ANATOMY**  
**2<sup>nd</sup> YEAR- SEM- III**

**Q.1. Complete the sentences with proper option. (10)**

- 1) Classification of living organisms is based on five kingdom system of -----  
a) Vittakar    b) M.J. Schilden    c) Thiodor Schwann    d) R. Wirshaw
- 2) There are neurons and ----- cells in Nervous system.  
a) Nerve fiber    b) Neuroglea    c) Dendrite    d) axon
- 3) A filter in the kidney is called -----  
a) Glomerulus    b) Bomans capsule    c) Nephron    d) Loop of Henley
- 4) ----- muscles are present in mouth, pharynx and first part of oesophagus.  
a) Voluntary    b) Involuntary    c) Unstriated    d) Smooth
- 5) Food is pushed by ----- movement in GI tract.  
a) Voluntary    b) Circular    c) Peristaltic    d) Back and forth
- 6) There are ----- openings in the pharynx .  
a) Five    b) Seven    c) Two    d) Three
- 7) Intestinal juice of brush border contain enzymes to complete the digestion of -----  
a) Lipids    b) Proteins    c) Carbohydrates    d) Minerals
- 8) Vessels around alveolus contain ----- blood.  
a) Oxygenated    b) Deoxygenated    c) Under Pressure    d) Pure
- 9) The air coming in and going out of the lungs is called -----  
a) External respiration    b) Internal respiration    c) Cellular respiration  
d) Pulmonary ventilation
- 10) While swallowing food and water trachea is closed by -----  
a) Epiglottis    b) Uvula    c) Vocal box    d) Cartilage

**Q.2. Write notes (Any two) (10)**

- 1) Pancreas
- 2) Intestinal juice
- 3) Muscle tissue and muscular system
- 4) Pharynx

**Q. 3. Answer following questions in detail (Any two) (20)**

- a) Describe the structure of lungs and explain how blood gets oxygenated.
- b) Draw and explain L.S. of a tooth. Name different types of teeth.
- c) Describe the digestion and absorption of food in small intestine.
- d) Describe the structure and function of liver in detail.

**TILAK MAHARASHTRA VIDYAPEETH**  
**B.A.YOGA (VISHARAD)**  
**ANATOMY**  
**2<sup>nd</sup> YEAR- SEM- IV**

**Q.1. Complete the sentences with proper option. (10)**

- 1) ----- cell of the skin produces pigment that contributes to skin colour .  
a) Melanocytes    b) Langerhans    c) Merkel    d) Keratinocytes
  
- 2) Base of the hair follicle is called -----  
a) Root of hair    b) Pappild of the hair    c) Quarter    d) Matrix
  
- 3) Sebaceous glands are attached to -----  
a) Sweat glands    b) Dermis    c) Hair follicle    d) Arector pyli muscle
  
- 4) ----- carries waste products to excretory organs.  
a) Blood    b) R.B.C    c) Lymph    d) Ureter
  
- 5) The innermost coat of a blood vessel is composed of -----  
a) Muscle    b) Connective tissue    c) Endothelium    d) fibers
  
- 6) Contraction of ----- of heart pushes blood to the aorta.  
a) Left ventricle    b) Right ventricle    c) Left atrium    d) Right atrium
  
- 7) ----- cells can travel opposite bloodstream.  
a) R B C    b) W B C    c) Platelets    d) Hb carrying
  
- 8) Heart is behind ----- bone .  
a) Sternum    b) Sib    c) Zyphoid    d) Thymus
  
- 9) ----- gives lymph to right subclavian vein.  
a) Thorasic duct    b) Intestinal trunk    c) Right lymphatic duct    d) Subclavian vein
  
- 10) Growth of T-lymphocytes is completed in ----- gland.  
a) Spleen    b) Thymus    c) Liver    d) Thyroid

**Q.2. Write notes (Any two) (10)**

- 1) Functions of lymphatic system
- 2) Structure of hair
- 3) Types of W.B.C
- 4) Types of blood circulation

**Q.3. Answer following question in detail (Any two) (20)**

- 1) Draw and describe L.S of heart. Name different components of blood.
- 2) Draw and describe L.S. of skin. State the function of skin.
- 3) What is lymph? Describe lymphatic system in detail.
- 4) Draw and explain L.S and T.S. of blood vessel. State the functions of blood.