

**Avinashilingam Institute for Home Science and Higher Education for Women  
(Deemed to be University) Coimbatore-641 043**

**Bachelor's Degree Examination – November 2018**

**I Semester**

**Class : : I UG  
Major : Physician Assistant**

**Time :3 hours  
Max. Marks: 100**

**18BPACO1 ANATOMY –I**

**Part-A**

**10x1 = 10**

**Circle the correct answer**

1. The longest bone in the leg is  
a) Femur                      b) Humerus                      c) Tibia                      d) Fibula
2. The functional unit of kidney  
a) neuron                      b) nephron                      c) osteoblast                      d) osteoclast
3. The cardiac cycle comprises  
a) systole                      b) diastole                      c) systole & diastole                      d) none
4. Activated T and B lymphocytes multiply in the  
a) lymphnode                      b) lymphocytes                      c) monocytes                      d) phagocytes
5. Splenomegaly is the enlargement of the  
a) spleen                      b) pancreas                      c) stomach                      d) bile duct
6. C.S.F. is secreted into each ventricles of the brain by  
a) chroid plexuses                      b) arachnoid villi                      c) third ventricle                      d) fourth ventricle
7. Pheochromocytoma is  
a) malignant                      b) benign                      c) both                      d) none
8. The diaphragm is supplied by  
a) phernic nerve                      b) cardiac nerve                      c) jugular vein                      d) carotid vein
9. Pneumonia means infection of the  
a) alveoli                      b) bronchi                      c) bronchioles                      d) artery
10. Tuberculosis is caused by  
a) mycobacterium tuberculi                      b) mycobacterium diphtheria  
c) mycobacterium carini                      d) mycobacterium pneumonia

**Part B**  
**Answer the following**  
**Answer should not exceed 400 words or two pages**

**5 X 6=30**

- 11.a) Microscopic structure of the bone  
(or)  
11. b) Process of repair of bone
- 12.a) Classification of bone  
(or)  
12. b) Microscopic Anatomy of skeletal Muscles.
- 13.a) Flow of blood through the heart  
(or)  
13. b) Structure of the stomach
- 14.a) Microscopic features of cell.  
(or)  
14. b) Type I, Type II Muscle Fibers.
- 15.a) Function of gall bladder  
(or)  
15. b) Functions of small intestine

**Part C**  
**Answer the following**  
**Answer should not exceed 800 words or four pages**

**5 x 12=60**

- 16.a) Draw the structure of synovial joint and explain its function in detail.  
(or)  
16.b) Classification and identification of the Muscles of the body.
- 17.a) Upper & Lower Respiratory tract – structure & functions.  
(or)  
17. b) Para thyroid gland
- 18.a) Gross structure of kidney  
(or)  
18. b) Explain the anatomy of pancreas
- 19.a) Parts of uterus and its blood supply  
(or)  
19. b) Female Reproductive system.
20. a) Pulmonary circulation  
(or)  
20. b) Explain in detail about peritoneal cavity.

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