

**Avinashilingam Institute for Home Science and Higher Education for
Women, Coimbatore-641043
Bachelor's Degree Examination - November 2017**

I Semester

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

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

15BPAC01 Anatomy

Part – A

10x1=10

Choose the correct answer

1. What is the meaning of the word "ectomy"?
a. remove
b. repair
c. open
d. all
2. Cephalic vein drains into -----
a. axillary vein
b. dorsal vein
c. brachial vein
d. all
3. Which is the longest cranial nerve.
a. vagus nerve
b. trochlear nerve
c. facial nerve
d. all
4. The largest part of bronchiole is called as -----
a. Respiratory bronchiole
b. Terminal bronchiole
c. Secretory Bronchiole
d. All
5. Physiological herniation of intestine.
a. Omphalocele
b. Exomphalocele
c. Both
d.
6. How many segments are there in the kidney.
a. 5
b. 6
c. 7
d. 8
7. Blood platelets are also known as -----
a. Thrombocytes
b. Megakaryocytes
c. Syncytium
d. All
8. Epithelium of the tongue is -----
a. squamous epithelium
b. columnar epithelium
c. transitional
d. all
9. Cell forming collagen
a. Fibroblast
b. Fibrocyte
c. Stratified cells
d. All
10. Hassall's corpuscles are formed in -----
a. Thymus
b. Spleen
c. Cardiac
d. Smooth muscle

Part – B

5x6=30

Answer the following

Answer should not exceed 400 words or two pages

11. a. What are the functions of different pairs of vertebra?
(or)
11. b. Functions of periosteum.
12. a. Name the structures forming blood brain barrier.
(or)
12. b. Define referred pain & examples.
13. a. Name the ligaments of ankle joint.
(or)
13. b. Name the different parts of deltoid ligament.
14. a. What are the hormones secreted by pituitary gland.
(or)
14. b. Applied anatomy of stomach.
15. a. Explain in detail about goiter.
(or)
15. b. Developmental anomalies of Heart.

Part – C

5x12=60

Answer the following

Answer should not exceed 800 words or 4 pages

16. a. What is the circle of Willis?
(or)
16. b. What are the structures related to neck of femur.
17. a. What is the site of palpation of apex beat.
(or)
17. b. List down the functions of chordae tendinae.
18. a. What are the effects of sympathetic stimulation on heart.
(or)
18. b. What are the structures crossed by root of mesentery.
19. a. Explain in detail act of uterus.
(or)
19. b. Bone ossification.
20. a. Functions of mitochondria.
(or)
20. b. Explain what is apoptosis.