

S.No. Course Code:

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**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM**

**B.Sc(ALLIED HEALTH SCIENCES) DEGREE EXAMINATIONS - August 2019**

**First Semester**

**ANATOMY**

Three Hours

Maximum: 100 marks

**SECTION - A**

**I. Choose the Best Answer :**

**(10 x 1 = 10)**

1. The types of synovial joint are:  
a) plane.                      b) hinge.  
c) ellipsoid.                  d) all of the above.
  2. Cardiac muscle fiber has:  
a) striations.                      b) intercalated disc.  
c) constrictions.                  d) all of the above.
  3. Following are tarsal bones, except:  
a) cuboid.                      b) fibula.  
c) navicular.                      d) trapezoid.
  4. The following muscles contribute to the rotator cuff around shoulder joint except:  
supraspinatus.                      b) infraspinatus.  
c) subscapularis.                      d) teres major.
  5. The AVnode is located in :  
a) upper part of crista terminalis.                      b) triangle of Koch.  
c) fossa ovalis.                      d) limbus fossa ovalis.
- The cricothyroid muscle is supplied by:
6. a) external laryngeal nerve.                      b) internal laryngeal nerve.  
c) recurrent laryngeal nerve.                      d) glossopharyngeal nerve.
- Which of the following type of teeth is found in deciduous dentition?
7. a) Incisor. b) premolar. c) canines. d) molars.

Urethral glands:

8. a) secrete mucus.                      b) produce nutrients.  
c) secrete hormones.                      d) regulate spermatozoa production.

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The interstitial cells of Leydig produce hormone called:

9. a) thyroxine.                      b) estrogen.  
c) testosterone.                    d) progesterone.

Which of the cranial nerve nuclei is present inside the pons?

10. a) oculomotor.                    b) hypoglossal.  
c) abducent.                        d) trochlear.

**II. Write Short Answers on any FIVE of the following:**

**(5 x 5 = 25)**

11. Anatomical terminology.
12. Structural differences between skeletal, cardiac and smooth muscles.
13. Arch of aorta
14. Femoral artery
15. Difference between the jejunum and ileum.
16. Contents of broad ligament.
17. Classify the epithelial tissue

**III. Write Short Essays on any TWO of the following:**

**(2 x 10 = 20)**

18. Hip joint.
19. Broncho pulmonary segments of lungs.
20. Testis.
21. Optic tract.

**IV. Write Essays on any ONE of the following:**

**(1 x 20 = 20)**

22. External features of heart.
23. Describe brachial plexus.

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