

Sl.No. M19265a

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VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
(Deemed to be University)

B.Sc (ALLIED HEALTH SCIENCES DEGREE EXAMINATION) - August 2018

**FIRST YEAR
ANATOMY**

Three Hours

Maximum: 75 marks

I. Choose the best answer.

(10 X 1 =10)

1. Most of the arteries in the body contains oxygen rich blood with the exception of: a) aorta b) renal arteries c) pulmonary arteries d) coronary arteries.
2. Following are tarsal bones, except:
a) cuboid b) fibula c) navicular d) trapezoid.
3. The central tendon of diaphragm presents:
a) vena caval opening b) aortic opening
c) oesophageal opening d) foramen of morgagni.
4. Fossa ovalis is present in the :
a) anterior wall of the right atrium b) posterior wall of right atrium
c) septal wall of right atrium d) none of the above.
5. Littles' area of epistaxis is located at the:
a) Nasal septum b) Lateral wall of nasal cavity
c) Roof of nasal cavity d) None of the above.
6. Following are the parts of the mucous membrane of alimentary tract :
a) lining epithelium b) lamina propria
c) muscularis externa d) muscularis mucosa.
7. Which of these structure is not directly related to the anterior surface of the right kidney?
a) liver b) stomach c) jejunum d) duodenum.
8. The process of formation of gametes is called:
a) oogenesis b) spermatogenesis c) gametogenesis d) none of the above.
9. The bilateral paralysis of lower limb is referred as:
a) hemiplegia b) quadriplegia c) monoplegia d) paraplegia.

10. The posterior expanded part of corpus callosum is called:
a) rostrum b) trunk c) splenium d) genu.

II. Write Short Answers on any FIVE of the following. (5 x 5 = 25)

11. Classify the epithelial tissue.
12. Types of cartilages.
13. Chambers of heart.
14. Brachial artery.
15. Differences between small and large intestines.
16. Write the parts and blood supply of Fallopian tube.
17. Lumbar puncture.

III. Write Short ESSAYS on any TWO of the following. (2 x 10 = 20)

18. Name the muscles used for intramuscular injection. Write in detail Gluteus maximus muscle.
19. Trachea – length, histology and divisions.
20. Prostate gland.
21. Circle of willis.

IV. Write ESSAYS on any ONE of the following. (1 x 20 = 20)

22. Name the types of circulation. Describe in detail about blood supply of heart along with its applied anatomy.
23. Describe brachial plexus.
