

S.No. M22443

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

**B.Sc(ALLIED HEALTH SCIENCES) DEGREE EXAMINATIONS - March 2020**

**First Semester**

**GENERAL ANATOMY / HUMAN ANATOMY - 1**

Three Hours

Maximum: 70 marks

**SECTION - A**

**I. Choose the Best Answer :**

**(10 x 1 = 10)**

1. Nucleus is found in all cells except:  
a) RBCs    b) Platelets    c) WBCs    d) Both a and b.
2. Which of the following structures is an example of lymphatic vessel?  
a) Thoracic duct    b) Bile duct    c) Cystic duct    d) Parotid duct.
3. Tibial tuberosity receives the attachment of:  
a) Tibial collateral ligament    b) fibular collateral ligament  
c) ligamentum patellae.    d) anterior cruciate ligament.
4. Sternal angle corresponds to:  
a) first costal cartilage    b) medial end of clavicle  
c) second costal cartilage    d) third costal cartilage.
5. The Parietal pleura extend beyond the root of the lung is called  
a) Pulmonary ligament    b) suspensory ligament    c) Hilum    d) both b&c

Fossa ovalis is present in the :

6. a) anterior wall of the right atrium    b) posterior wall of right atrium  
c) septal wall of right atrium    d) none of the above

Following are the parts of nephron except :

7. a) Bowman's capsule    b) convoluted tubules  
c) collecting tubule    d) loop of henle.

The secretory phase of the endometrium corresponds to which of the following ovarian phases?

8. a) follicular phase    b) ovulation    c) luteal phase    d) menstrual phase.

The lower end of adult spinal cord ends at the level of:

9. a) L3    b) L5    c) S1    d) L1

Pituitary gland is located in the body of :

10. a) frontal bone    b) parietal bone    c) temporal bone    d) sphenoid bone.

**II. Answer All Questions:**

**(10 x 2 = 20)**

11. Define Anatomical position.
12. Define smooth muscle.

(p.t.o)

13. Epistaxis (Little's area).
14. Enumerate the paranasal sinuses.
15. Name the openings present in the second part of duodenum.
16. Applied anatomy of kidney.
17. Draw and label the nephron.
18. Name the lobes of cerebellum.
19. Define meninges.
20. Vitreous humour.

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

**(5 x 6 = 30)**

21. Define epithelium and its types with suitable diagrams and examples.
22. Classification of bones.
23. Lateral wall of nose.
24. Pancreas.
25. Waldeyer's lymphatic ring.
26. Nerve supply of urinary bladder.
27. Structure of eye ball.

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

**(1 x 10 = 10)**

28. Describe in detail about the external features of the heart with a suitable diaphragm and its applied aspects.
29. Describe about the location, dimensions, parts, relations, blood supply and applied aspects of Uterus.

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