

VINAYAKA MISSION'S KIRUPANANDA VARIYAR MEDICAL  
COLLEGE, SALEM

I MBBS (2018-19)

TEST

GENERAL ANATOMY & GENERAL EMBRYOLOGY

Date: 01.10.2018 Time: 10.30 AM-12.30PM Maximum: 50 Marks

SECTION - A

**Multiple Choice Questions: 20X1=20 marks**

Select the most appropriate answer and write the alphabet corresponding to the most appropriate answer in the answer sheet provided.

1. The term 'proximal' means:
  - A. Close to root of limb
  - B. Away from root of limb
  - C. Towards the head
  - D. Towards the back
2. Adduction is a movement:
  - A. In which the palm faces upwards
  - B. In which the palm faces downwards
  - C. Away from central axis
  - D. Towards central axis
3. The following is an example of sesamoid bone:
  - A. Maxilla
  - B. Patella
  - C. Scapula
  - D. Vertebra

*11/10/18*  
Head of the Department  
Dept. Of Anatomy  
V.M.K.V. Medical College,  
SALEM - 636308

4. The following bone does not follow the law of ossification:
- A. Radius
  - B. Ulna
  - C. Tibia
  - D. Fibula
5. The following is an example of a pivot joint:
- A. Shoulder joint
  - B. Temporomandibular joint
  - C. Median atlantoaxial joint
  - D. Ankle joint
6. The following are the features of cardiac muscles except:
- A. Branching muscle fibres
  - B. Supplied by somatic nervous system
  - C. Presence of intercalated discs
  - D. Faint transverse striations
7. Sinusoids are present in the following organ:
- A. Brain
  - B. Heart
  - C. Liver
  - D. Kidney
8. Oedema in filariasis is due to blocking of the following structure by the parasite:
- A. Lymphatics
  - B. Arteries
  - C. Veins
  - D. Nerves

*1/10/18*

Head of the Department  
Dept. Of Anatomy  
VM.K.V. Medical College,  
SALEM - 636308

9. The following cells form myelin sheath in the central nervous system:

- A. Schwann cells
- B. Oligodendrocytes
- C. Microglia
- D. Ependymal cells

10. The kind of blood circulation that passes through two sets of capillaries is:

- A. Systemic circulation
- B. Pulmonary circulation
- C. Portal circulation
- D. Foetal circulation

11. Spermiogenesis is conversion of :

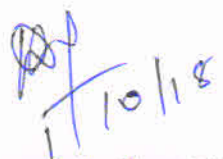
- A. Spermatogonium to primary spermatocyte
- B. Primary spermatocyte to secondary spermatocyte
- C. Secondary spermatocyte to spermatid
- D. Spermatid to spermatozoon

12. The following are the features of a morula except:


- A. It has 16 cells
- B. It has an inner and outer cell mass
- C. It has a large cavity
- D. It is formed in the fallopian tube

13. The primitive streak forms:

- A. Chorion
- B. Amnion
- C. Connecting stalk
- D. Notochord

  
Head of the Department  
Dept. Of Anatomy  
V.M.K.V. Medical College,  
SALEM - 636308

14. Intraembryonic mesoderm is absent in the region of:
- A. Prochordal plate
  - B. Connecting stalk
  - C. Septum transversum
  - D. Somites
15. The structure which prevents implantation in the fallopian tube is:
- A. Cell membrane of oocyte
  - B. Zona pellucida
  - C. Corona radiata
  - D. Trophoblast
16. The neural tube develops from:
- A. Ectoderm
  - B. Endoderm
  - C. Mesoderm
  - D. Primitive streak
17. The yolk sac contributes to formation of the following in the embryo:
- A. Gut tube
  - B. Neural tube
  - C. Heart
  - D. Kidney
18. The following structures lie within the umbilical cord except:
- A. Intraembryonic mesoderm
  - B. Vitellointestinal duct
  - C. Part of extraembryonic coelom
  - D. Blood vessels that pass from embryo to placenta

  
1/10/18  
Head of the Department  
Dept. Of Anatomy  
V.M.K.V. Medical College,  
SALEM - 6.36308

19. Urachal fistula is a developmental anomaly of:
- A. Vitellointestinal duct
  - B. Primitive streak
  - C. Neural tube
  - D. Allantoic diverticulum
20. The following constitute placental barrier except:
- A. Endothelium of maternal blood vessels
  - B. Extraembryonic mesoderm
  - C. Cytotrophoblast
  - D. Syncytiotrophoblast

**SECTION - B**

**Short Notes: 6X5=30 marks**

1. Graafian follicle
2. Fertilization
3. Somites
4. Fibrous joints
5. Neuron
6. Classification of bones

  
1/10/18

**Head of the Department**  
**Dept. Of Anatomy**  
**V.M.K.V. Medical College.**  
**SALEM - 636308**