

TEST 1 TOPICS ANATOMY

1. WAYS OF STUDYING ANATOMY

- Introduction to Anatomical positions and descriptive nomenclature
 - Body planes, Positions, Movement
- Body regions
- Systems.

2. Histological techniques: Light microscopy

3. The cell - cellular organelles and cell division

4. Skeleton (a) Bone

- General features
- Types, ossification, fractures

(b) Joints

- Joints classification

5. Histology of the Epithelia (a) membranes

(b) Exocrine glands

6. Histology of the Connective tissue / Adipose tissue

7. Histology of the Integumentary System

- ## 8. Skin
- Creases
 - Wrinkles
 - Lines

Breast

9. Gametogenesis

10. Ovarian / uterine cycles

11. Histology of the Cartilage

12. Muscles, Tendons and Fasciae

- Morphological types
- General form and fascicular architecture - Flat, short and quadrilateral long and strap like, fusiform, pennate
- Tendons and Fasciae
- Bursae

13. Histology of the Bone, Ossification and Repair
14. The mediastinum, Heart, Blood vessels and Lymphatics
15. First week: Ovulation, Fertilization, Cleavage
16. Nervous System: Organization and typical Spinal nerve
 - Brain and Spinal cord
 - Cranial nerves
 - Spinal nerves / plexus
 - Typical Spinal nerves
17. Second week: Implantation, Bilaminar Embryonic disc
18. Third week: Trilaminar embryonic disc and Fate of Germ layers
19. Histology of the Blood and Bone marrow
20. Disposition of Viscera and Body Cavities
 - Serous Cavities - Pleural, pericardial, Peritoneal and Tunica vaginalis
 - Regions of the abdomen
21. Histology of the muscle tissue
22. Histology of the Nerve tissue
23. Fourth week
 - Folding of the Embryo
 - Neural tube formation
24. Week 5 to 8: Fetal membranes and placentation
25. Twinning and Teratology

GROSS: 1, 4, 8, 12, 14, 16, 20

EMBRYOLOGY: 9, 10, 15, 17, 18, 23,
24, 25.

HISTOLOGY: 2, 3, 5, 6, 7, 11, 13, 19,
21, 22