

List of exam questions:

GENERAL EMBRIOLOGY

1. Gametogenesis
2. Oogenesis
3. Spermatogenesis
4. The ovarian cycle
5. Fertilization
6. Cleavage
7. Uterus at the time of implantation
8. Bilaminar Germ Disc
9. Gastrulation
10. Notochord
11. Ectoderm derivatives
12. Neurulation
13. Derivatives of the mesodermal germ layer
14. Derivatives of the endodermal germ layer
15. External appearance of the embryo during the 2nd month
16. Fetal period (changes by months)
17. Development of the placenta (changes in trophoblasts)
18. Development of placental membranes
19. The structure of the placenta
20. The function of the placenta
21. Development of the umbilical cord
22. Amniotic fluid
23. Developmental anomalies (types of disorders)

SPECIAL EMBRIOLOGY

1. Neurocranial development
2. Development of viscerocranium

3. Development and growth of limbs
4. Development of vertebra
5. Skeletal muscle development and formation
6. Development and formation of the head muscles
7. Development and formation of limb muscles
8. Development of cardiac and smooth muscles
9. Formation of body cavity
10. Development of the diaphragm
11. Formation and position of the heart tube
12. Formation of the cardiac loop
13. Development of the venous sinus
14. Heart partitioning
15. Development of arteries and veins
16. Fetal circulation
17. Formation of the lung buds
18. Maturation of the lungs
19. Primitive gut tube
20. Development of mesenteries
21. Foregut development and derivatives
22. Midgut development and derivatives
23. Hindgut development and derivatives
24. Kidney development
25. Development of the urinary bladder and urethra
26. The development of the female gonads
27. The development of the male gonads
28. Development of female genital ducts
29. Development of male genital ducts
30. Development of external genitalia
31. Pharyngeal arch derivatives

32. Derivatives of pharyngeal pouches and clefts
33. Development of the tongue and thyroid gland
34. Development of viscerocranium
35. Tooth development
36. Spinal cord development
37. Differentiation of nervous system cells
38. Brain development
39. Development of the autonomic nervous system
40. Development of the inner ear
41. Development of the middle and outer ear
42. Development of the eye
43. Skin development

GENERAL HISTOLOGY

1. Intercellular junctions
2. Specialized formations on the cell surface
3. Basal lamina and membrane
4. Types of epithelium
5. Cells and fibers of connective tissue
6. Type 1 collagen biosynthesis
7. Basic intercellular matrix of connective tissue
8. Types of connective tissue
9. Lipid storage and release in the fat cell
10. Types of cartilage tissue
11. Bone tissue cells
12. Bone structure
13. Intramembrane ossification
14. Enchondral ossification
15. The structure of neurons

16. Synapses
17. Nervous Support Cells
18. Structure of the central nervous system
19. Nerve fiber structure
20. The structure of the autonomic nervous system
21. Organization and structure of skeletal muscle and fibers
22. Mechanism of muscular contraction
23. Motor plate
24. Structure of cardiac muscle tissue
25. Structure of smooth muscle tissue

SPECIAL HISTOLOGY

1. Structure of blood vessels
2. Types of capillaries
3. Blood cells
4. Bone marrow structure
5. Structure of lymphatic organs
6. Basic types of immune reactions
7. Immune system cells
8. Basic structure of the digestive tube
9. Oral cavity structure
10. Structure of the stomach
11. structure of the small and large intestine
12. Structure of the salivary glands
13. Pancreas structure
14. Liver structure
15. The structure of the conductive part of the respiratory system
16. Structure of respiratory part of the respiratory system
17. Skin structure
18. Hair structure

19. Structure of the kidney
20. Structure of the lower urinary system
21. Structure of the pituitary gland
22. Structure of the adrenal gland
23. Structure of thyroid gland and epithelial bodies
24. Structure of testes and prostate
25. Structure of male conducting ducts
26. Structure of the ovary
27. Structure of uterus and vagina
28. Structure of the mammary gland
29. Outer eye layer
30. Middle eye layer
31. Internal eye layer
32. Middle ear
33. Inner ear