TEST **A** – PHYSIOTHERAPY ……………………….…………………………………………

 NAME

**ONLY ONE** FROM **a,b,c** IS CORRECT

1. Which of the following organelles is involved in protein synthesis: **a**) peroxisome **b**) Golgi apparatus **c**) lysosome
2. Which of structures **does not** belong to cytoskeleton: **a**) actin microfilaments **b**) collagen fibers **c**) neurofilaments
3. Which intercellular junctions has communicating function: **a**) zonula adherens **b**) nexus (gap junction) **c**) zonula occludens
4. Stratified squamous keratinized epithelium coveres: **a**) skin (as epidermis) **b**) lines intestines **c**) lines blood vessels
5. Which structure **is not** typical for epithelial tissue: **a**) basement membrane **b**) blood vessels **c**) desmosome
6. Fixed cell of connective tissue proper is: **a**) lymphocyte **b**) fibrocyte **c**) reticulocyte
7. Free or mobile or wandering cell of connective tissue proper is: **a**) pigment cell **b**) macrophage **c**) adipose cell
8. Function of plasma cell in connective tissue is production of: **a**) specific antigens **b**) collagen fibers **c**) histamine, heparin
9. Reticular connective tissue occurs in: **a**) lymph organs **b**) ligaments **c**) fibrous capsule
10. Isogenous groups of chondrocytes are typical for: **a**) fibrocartilage **b**) elastic cartilage **c**) hyaline cartilage
11. Hyaluronic acid in ground substance of connective tissue is main of: **a**) glycosaminoglycans **b**) proteoglycans **c**) glycoproteins
12. One of 3 types of cartilage **is not** covered with perichondrium : **a**) hyaline cartilage **b**) elastic cartilage **c**) fibrocartlage
13. Elastic cartilage occurs in: **a**) joints **b**) auricle **c**) trachea
14. True statement about periosteum is: **a**) coveres outer surface of bone **b**) lines marrow cavity **c**) coveres articular cartilage
15. True statement about osteoclast: **a**) derives from lymphocyte **b**) secretes osteoid **c**) resorb bone matrix
16. Which type of bone is immature, without lamellae: **a**) compact bone **b**) spongy bone **c**) woven bone
17. Ossification of flattened bones of skull is: **a**) membranous **b**) en(do)chondral **c**) intracartilaginous
18. Ossification of long bone definitely ends with closure of: **a**) line of errosion **b**) epiphyseal plate **c**) zone of cartilage hypertrophy
19. Synchondrosis is when bones are linked by: **a**) dense connective tissue **b**) bone tissue **c**) cartilage
20. Bones in skull are linked by: **a**) dense connective tissue **b**) bone tissue **c**) cartilage
21. Nissl’s substance in perikarion of neuron is represented by: **a**) pigment **b**) glycogen **c**) endoplasmic reticulum
22. Which of following substance **is not** neurotransmitter: **a**) acetylcholine **b**) dopamine **c**) heparin
23. Whih of following cells **does not** belong to central neuroglia: **a**) satellite cell **b**) oligodendrocyte **c**) microglia
24. Which of following neuroglia cells is phagocyting cells: **a**) microglia **b**) astrocyte **c**) ependymocyte

 **DIAGRAM**: numbers from picture write into the list of structures

 

Results and evaluation of the test: 32 points is maximum

24 multiple choice questions / à 1 correct answer point gain max. 24

Diagram / à correct identification point gain max 8

|  |  |  |
| --- | --- | --- |
|  | mark | points |
|  | A 1 |  32 - 30 |
|  | B 1- | 29 - 27 |
|  | C 2 | 26 - 23 |
|  | D 2- | 22 - 18 |
|  | E 3 | 17 - 12 |
|  | F 4 | 11 - 0 |

HISTOLOGY