



# الطب والجراحة لجنة

MSS Final Exam

دفعه نبض ٢٠١٩

هستو مقسم

10) One of the following is NOT true about mature and immature bone?

Select one:

- A. Immature bone forms more rapidly than mature bone
- B. The mineral content is lower in immature bone
- C. The matrix of immature bone has more ground substance
- D. Mature bone contains more cells per unit area than the immature ✓ ✓ ✓
- E. Immature bone has no lamellated appearance

12) The basement membrane located between?

Select one:

- A. papillary and reticular layers of the dermis
- B. epidermis and dermis ✓ ✓ ✓
- C. stratum spinosum and stratum granulosum
- D. stratum basale and Stratum spinosum
- E. stratum granulosum and stratum corneum

27) Regarding osteoclast, one of the following is TRUE?

Select one:

- A. Break down the inorganic part of bone
- B. Has a smooth surface
- C. Originated from osteoblast
- D. Multinucleated cell that contains lysosomes ✓ ✓ ✓
- E. Sharpey's lacunae are areas of bone resorption by osteoclast.

52) For osteoblasts, choose the incorrect statement?

Select one:

- A. Osteoblasts are multinucleated cells. ✓ ✓ ✓
- B. Osteoblasts synthesize most of proteins found in bone
- C. Osteoblasts are responsible for the deposition of new bone matrix

- D. Osteoblasts are responsible for bone formation
- E. Osteoblasts control mineralization process

55) Which of the following is CORRECTLY paired regarding skin glands?

Select one:

- A. Eccrine sweat glands ----- merocrine secretion. ✓ ✓ ✓
- B. Sebaceous glands ----- apocrine secretion.
- C. Eccrine sweat glands----- adrenergic innervation.
- D. Apocrine sweat glands----- cholinergic innervation.
- E. Apocrine sweat glands----- holocrine secretion.

67) The intervertebral discs are composed of?

Select one:

- A. A matrix dominated by collagen type II
- B. Elastic cartilage
- C. Elastic connective tissue
- D. Fibrocartilage ✓ ✓ ✓
- E. Hyaline cartilage

69) Which of the following is INCORRECTLY paired?

Select one:

- A. Ruffini's corpuscles ..... reticular layer and respond to continuous stress
- B. Pacinian corpuscle ..... large receptive field
- C. Merkel's corpuscle ..... most sensitive non-capsulated modality
- D. Meissner's corpuscle ..... low frequency stimuli
- E. Free nerve ending ..... epidermis complex modality ✓ ✓ ✓

73) The H zone?

Select one:

- A. Is constant in width during contraction
- B. Contains both actin and myosin.
- C. Contains only actin.
- D. Is divided by the M line. ✓ ✓ ✓
- E. Increases in width during contraction.