

CELL BIOLOGY LECTURE 4 QUESTIONS

QUESTION 1: PROTEIN SUBUNIT FORMING THE GAP JUNCTION?

- a) Connexin
- b) Desmoglein
- c) Zonula occludens

QUESTION 2: ABNORMALITY OF CAUSES LEAKY GUT SYNDROME?

- a) Gap junctions
- b) Zonula occludens
- c) Zonula adherens
- d) Keratin

QUESTION 3: ALL OF THE FOLLOWING ARE CAMS EXCEPT?

- a) Cadherin
- b) Selectin
- c) Integrin
- d) Catenin
- e) Actin

QUESTION 4: WHAT IS THE CORRECT MATCH?

- a) Anchoring junction => allow flow of current
- b) Tight junction => chemical synapse
- c) Gap junction => blood brain barrier
- d) Zonula occludens => prevent flow of material between cells

QUESTION 5: PROTEIN THAT FORMS THE MACULA ADHERENS?

- a) cadherins
- b) desmoglein
- c) catenin
- d) integrins

QUESTION 6: TRUE ABOUT HEMIDESMOSOMES?

- a) Attach the basal of epithelium to the basement membrane
- b) Found at the basolateral membrane
- c) Act as electrical junction in the heart
- d) found at the head of epithelial membrane

QUESTION 7: WHICH JUNCTION TYPE FORMS THE SYNAPSE BETWEEN NEURONS?

- a) Chemical synapse
- b) Anchoring junction
- c) Gap junction
- d) Tight junction

QUESTION 8: WHAT PROPERTY IS ESSENTIAL FOR GAP JUNCTIONS IN CARDIAC MUSCLE CELLS?

- a) High resistance to ion flow
- b) Low resistance for rapid ion transfer
- c) Slow transmission of signals
- d) Seal adjacent cells