Assignment 9

Due on 2019-04-03, 23:59 IST. The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

1) In retinal cells, the removal of ___________ gated sodium channels result in their deactivation
   - cGMP
   - cAMP
   - ADP
   - AMP

No, the answer is incorrect.
Score: 0
Accepted Answers: cGMP

2) Lens cells become transparent by the action of ___________ enzyme
   - phosphatase
   - 15 - lipoxygenase
   - phosphodiesterase
   - catalase

No, the answer is incorrect.
Score: 0
Accepted Answers: 15 - lipoxygenase

3) In retinal cells, opsin activated a second enzyme, transducin, which in turn activates the third enzyme ___________
   - 15 - lipoxygenase
   - phosphodiesterase

No, the answer is incorrect.
Score: 0
Accepted Answers: 15 - lipoxygenase
4) Cataract results because of misfolding of ____________ protein
   - alpha - crystallin
   - arachidonic acid
   - keratin
   - insulin

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - alpha - crystallin

5) Rods respond to ____________ and cones respond to ____________ of light
   - color, intensity
   - intensity, color
   - intensity, intensity
   - color, color

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - intensity, color

6) The vertebrate retina is inverted in the sense that the light sensing cells are in ________ of the retina, so that light has to pass through layers of neurons and capillaries ________ it reaches the rods and cones
   - front, after
   - back, before
   - middle, after
   - adjacent to lens cell, before

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - back, before

7) ____________ processes the image sent from retina
   - amygdylia
   - auditory cortex
   - visual cortex
   - olfactory bulb

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - visual cortex

8) A damage in the optic nerves will compromise the information sent to ____________
   - retina
   - lens
   - brain
   - spinal cord

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
9) In diabetic retinopathy, the capillaries supplying blood to the eyes exert ______________ 1 point

- less pressure
- no pressure
- high pressure
- sodium leakage

No, the answer is incorrect.
Score: 0

Accepted Answers:
brain

10) __________ cells of the retina, potentially are involved in computing motion 1 point

- rods
- cones
- bipolar cells
- amacrine cells

No, the answer is incorrect.
Score: 0

Accepted Answers:
high pressure

amacrine cells