

Exploring Creation with Advanced Biology 2nd Edition – Errata

Solutions and Tests Manual – 4th Printing

This file contains the corrections for the 4th Printing: May 2018 of the Solutions and Tests Manual.

You can find which printing you have by going to the publications page in the front of your book. Corrections for the Textbook as well as the Student Notebook are in separate files.

Page 64 – #13 k. answer should be “**supporting cell**”;
#13 l. answer should be “**crista ampullaris**”;
#13 n. answer should be “**cupula.**”

Page 69 – Module 9 Test Solutions #10; The test question asks for identification of the structures PLUS the function of each. The functions were not listed in the answer. Add the functions as follows:

- a. Lens: bends light to focus it on the retina
- b. Sclera: maintains the shape of the eyeball, protects the inner components of the eye, and provides a point of attachment for the muscles that move the eye
- c. Optic nerve: carries action potentials to the brain
- d. Retina: contains the light receptors that detect light
- e. Choroid: supplies the eye’s tissues with oxygen and nutrients; its black color absorbs light rays, improving sharpness of vision
- f. Conjunctiva: smooths, protects, and lubricates the exposed part of the sclera
- g. Posterior chamber: holds the aqueous humor
- h. Anterior chamber: holds the aqueous humor
- i. Cornea: covers the eye, allows light to enter, and bends light for focusing
- j. Pupil: allows light to enter the eye and constricts or dilates to regulate light entry
- k. Iris: contains muscles that control the size of the pupil
- l. Suspensory ligaments: connects the ciliary body to the lens
- m. Ciliary body: contains the ciliary muscle which changes the shape of the lens
- n. Vitreous humor (in vitreous compartment): maintains the general shape of the eyeball as a “filler”

Page 91 - #1 j. Complement should read: “A series of **multiple** plasma proteins...”