



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 29.03.2021

CHAPTER: CONTROL & COORDINATION IN LIVING ORGANISMS

TOPIC: EYE ACCOMMODATION AND DEFECTS OF VISION

WORKSHEET 20

Choose the correct option:

(1X15=15)

- Which type of lens helps in correction of Hyperopia?
a. Convex lens b. Concave lens c. Bifocal lens d. Contact lens
- Which of the following is the ability to focus and see clearly at far distances?
a. Accommodation b. Distance acuity c. Both a and b d. None of these
- Which is the most important change during Accommodation of Eye?
a. Pupil size b. Shape of lens c. Cornea d. Sclera
- The Defect of vision in which a person is able to see distant object distinctly but nearby objects are not clear is
a. Far-sightedness b. Short -sightedness c. Hypermetropia d. both a and c
- Hypermetropia and Myopia can be corrected by
a. Concave and convex lens b. Convex lens and Concave lens
c. Concave and plano-convex lens d. Plano-concave for both
- The focal length of Lens increases when eye muscles are
a. Relaxed & lens becomes thin b. Contract & lens becomes thin
c. Relaxed & lens becomes thick d. Contract & lens becomes thick
- Which is not the cause of Myopia?
a. Excessive curvature of Cornea b. The eyeballs becomes too short
c. Elongation of the eyeball d. Both a and b
- Bifocal lens used in correcting Presbyopia consists of
a. upper portion Convex for reading b. Lower portion Convex for reading
c. upper portion Concave for reading d. None of these
- The defective condition in which the lens loses its transparency in old age people is
a. Hypermetropia b. Hyperopia c. Cataract d. Presbyopia
- The progressive cloudy appearance of the lens of eye occurs in
a. Cataract b. Hypermetropia c. Myopia d. Presbyopia
- The defective condition in which the image of an object is formed behind the retina is
a. Hypermetropia b. Myopia c. Presbyopia d. Blind spotting
- In Myopia the image of an object is formed
a. Behind the retina b. In front of the retina c. On yellow spot d. On blind spot
- The simplest reaction during driving takes atleast
a. 2 secs b. 5secs c. 0.4 secs d. 10 secs
- Accommodation doesn't comprise of
a. Stretching of the cornea b. change in vergence c. Change in lens shape d. pupil size
- Rectification of Cataract can be done by
a. Surgical removal of lens b. use of highly convex lens c. IOLs d. All of these

-Debjeni Chakraborty