



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date:08.04.2020

CHAPTER: CONTROL & COORDINATION IN LIVING ORGANISMS TOPIC: EYE ACCOMMODATION AND DEFECTS OF VISION

WORKSHEET 2

Choose the correct option:

(1X15=15)

1. Which type of lens helps in correction of Hyperopia?
a. Convex lens b. Concave lens c. Bifocal lens d. Contact lens
2. 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
3. Which is the most important change during Accommodation of Eye?
a. Pupil size b. Shape of lens c. Cornea d. Sclera
4. 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
5. 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
6. 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
7. 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
8. 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
9. The defective condition in which the lens loses its transparency in old age people is
a. Hypermetropia b. Hyperopia c. Cataract d. Presbyopia
10. The progressive cloudy appearance of the lens of eye occurs in
a. Cataract b. Hypermetropia c. Myopia d. Presbyopia
11. 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
12. 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
13. The simplest reaction during driving takes atleast
a. 2 secs b. 5secs c. 0.4 secs d. 10 secs
14. Accommodation doesn't comprise of
a. Stretching of the cornea b. change in vergence c. Change in lens shape d. pupil size
15. Rectification of Cataract can be done by
a. Surgical removal of lens b. use of highly convex lens c. IOLs d. All of these

-Debjani Chakraborty