



Department of Education, Sabaragamuwa Province – weekly school

Subject - science

Week – January 4th week

Grade 09

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02 EYE AND EAR

❖ Read page 16,17,18,19,20,21,22,23,24,25,26, 27,28,29,30,31, and answer the questions.

1. Draw a cross section of human eye and mark the parts.
2. Write down the special features of following parts of the eye.
 - I. Retina
 - II. Lens
 - III. Cornea
 - IV. Sclerotic layer
 - V. Pupil
 - VI. Optic nerve
 - VII. Blind spot
 - VIII. Fovea
 - IX. Aqueous humour
 - X. iris
3. Draw the refraction of parallel beam of light through convex lens and the refraction of parallel beam of light through concave lens separately.
4. Draw the ray diagram for an image formed of far object on the retina of eye.
5. Draw the ray diagram for an image formed of close object on the retina of eye.
6. Define long sight and short sight defects.
7. How do correcting the long sight and short sight defects.
8. Define binocular vision and stereoscopic vision.
9. Mention eye diseases.
10. List out precautionary measures should be followed to prevent health problems and possible defects of the eye.

