

## SABARAGAMUWA PROVINCIAL EDUCATION

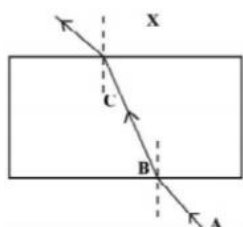
Subject - Science

3<sup>rd</sup> week

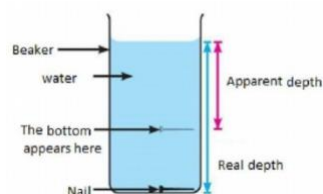
Grade - 9

Prepared By : R/Nivi/Elapatha maha Vidayala

1) This diagram shows the way of traveling of light through a glass block.



- a) Name the two rays AB and BC.
  - b) What is the term used to introduce bending of light ray as above?
  - c) Write 2 incidences, where we can see above phenomenon in our day-to-day life?
- 2) An apparatus used to show observe how the bottom of a beaker appears to be raised is shown below.



- a) When observed from above, how do you find the position of the nail where it appears to be?
- b) What is real depth?
- c) What is apparent depth?

3)



- a) What is the name given to the separation of colours as white light travels through the prism?