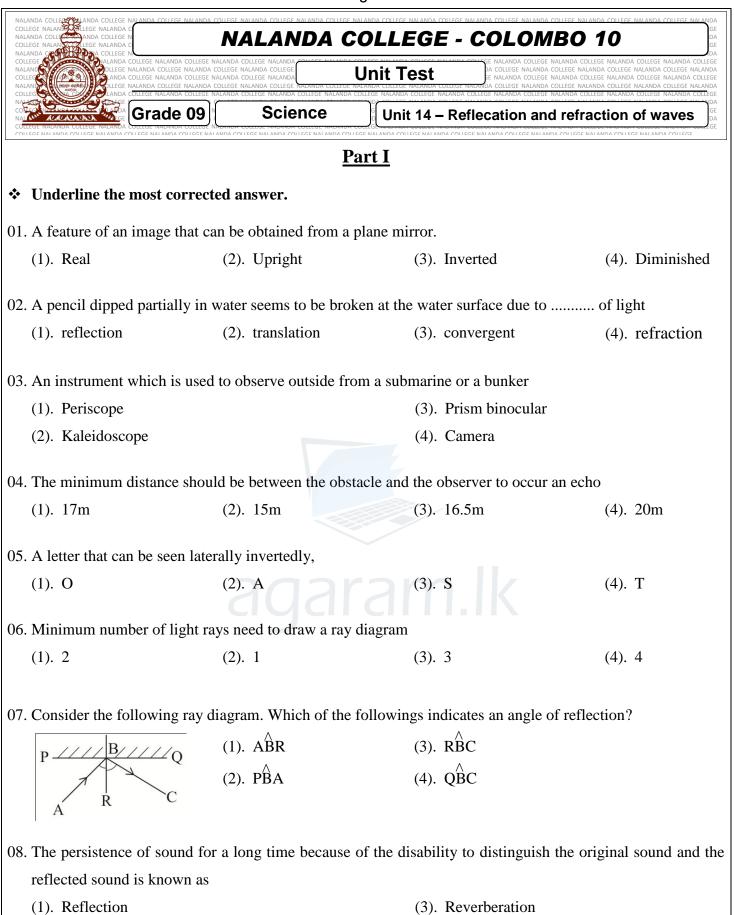
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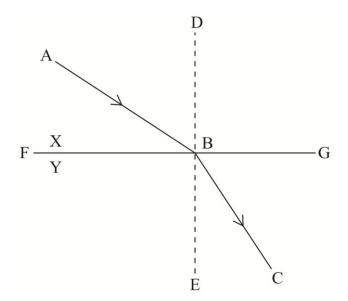
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(2). Echo (4). Refraction

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01. Consider the following ray diagram.



- i. Name the followings in the above diagram by using above letters.
 - (a) Incident ray
 - (b) Angle of refraction
 - (c) Point of incidence
 - (d) Interface
- ii. Name suitable media for X and Y.
- iii. What is the phenomena related to the light represented from the above ray diagram?
- iv. Draw the ray diagram to show how light refracts through a block of glass.
- v. Name 03 phenomena that can be seen in day-to-day life due to refraction of light.
- vi. What is known as "dispersion of light"?
- vii. Name 07 colours of the spectrum.
- viii. Explain how the rainbow is occurred.
- 02. i. Explain simple activity that can be used to demonstrate reflection o sound.
 - ii. What is the difference between reverberation and an echo?
 - iii. State 03 methods used to prevent reverberation.
 - iv. Explain how bat can identify obstacles at night.
 - v. State 02 applications of reflection of sound.
 - vi. What is known as "SONAR"?

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