



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Physical Science

Class: 8

Date: 10.06.20

Duration: 40 min

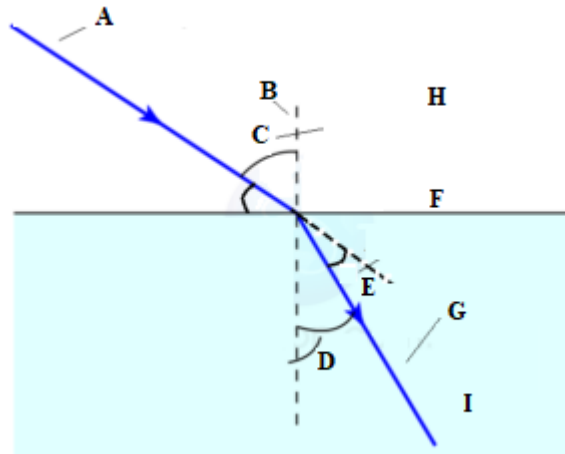
Worksheet Solution 34

Full Marks: 15

LIGHT/TERMINOLOGY

Choose the Correct options:

Q1-Q8 With respect to the given Figure answer the following:



- 1) Interface is represented by :-
A) **F**
B) G
C) D
D) B
- 2) Angle of incidence is represented by
A) **C**
B) D
C) E
D) None of the above
- 3) Angle of refraction is represented by
A) C
B) **D**
C) E
D) None of the above.
- 4) Incident ray is represented by
A) **A**
B) B
C) G
D) None
- 5) Refracted ray is represented by
A) A
B) B
C) **G**
D) None of these
- 6) Optically denser medium is represented by
A) H

- B) I**
 - C) A
 - D) B
- 7) Optically rarer medium is represented by
- A) H**
 - B) I
 - C) A
 - D) B
- 8) Angle of deviation is represented by
- A) C
 - B) D
 - C) E**
 - D) None of these
- 9) The surface which separated two media is called
- A) interface**
 - B) normal
 - C) deviation
 - D) None of these
- 10) The point at which the incident ray strikes the interface is called
- A) Point of incidence**
 - B) Point of coincidence
 - C) Point of contact
 - D) None of these
- 11) Optically denser and rarer terms apply to a medium that is
- A) transparent
 - B) translucent
 - C) opaque
 - D) Both A and B**
- 12) The angle between the incident ray and the refracted ray is called
- A) Angle of incidence
 - B) Angle of refraction
 - C) Angle of deviation**
 - D) Angle of reflection
- 13) The word normal means
- A) ordinary
 - B) perpendicular**
 - C) parallel
 - D) extraordinary
- 14) Refraction involves
- A) bouncing of light
 - B) bending of light**
 - C) redistribution of light
 - D) collision of light
- 15) Speed of light in glass is
- A) $3 \times 10^8 \text{ ms}^{-1}$

- B) $2.25 \times 10^8 \text{ ms}^{-1}$
- C) $2 \times 10^8 \text{ ms}^{-1}$**
- D) $1.5 \times 10^8 \text{ ms}^{-1}$