



PHYSICS

BOOKS - BEITIANS

LIGHT

Formative Worksheet

1. Statement 1 : Diamond is a homogenous medium

Statement II: Bodies which can absorb light energy are called opaque bodies

A. Both Statements are true, Statement - II

is the correct explanation of Statement-I

B. Both Statements are true, Statement - II

is not correct explanation of Statement -

I

C. Statement - I is true, Statement - II is

false.

D. Statement - I is false, Statement - II is true.

Answer:



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2. Choose the correct statements:

A. Objects that allow light pass through them are called transparent objects

B. The objects which emit light of their own
are called luminous bodies

C. Light is a form of energy

D. Objects that allow light pass through
them are called opaque objects

Answer:



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3. Statement 1 : Light can travel through vacuum

Statement II : Light needs a medium to travel.

A. Both Statements are true, Statement - II

is the correct explanation of Statement-I

B. Both Statements are true, Statement - II

is not correct explanation of Statement -

I.

C. Statement -I is true, Statement - II is

false.

D. Statement - I is false, Statement - II is true.

Answer:



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4. When the rays of light travel parallel to each other then the collection of such rays is called

A. Parallel beam

B. Beam of light

C. Divergent beam

D. Convergent beam

Answer:



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5. When a light ray is incident normally on the surface of a plane mirror, the reflected ray deviates through an angle of _____



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6. When the rays of light, diverging from a point, after reflection or refraction actually converge at some other point than that point is _____ image of the object.

A. Virtual

B. Real

C. Both (A) and (B)

D. Neither (A) nor (B)

Answer:



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Conceptive Worksheet

1. Sun is a

- A. Luminous body
- B. Non-luminous body
- C. Transparent body
- D. All of these

Answer:



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2. A source of light which is of the size of the pin head is called

- A. Point source
- B. Extended source
- C. Both (A) and (B)
- D. Neither (A) nor (B)

Answer:



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Summative Worksheet

1. Few objects were given to Mushtaq. He was asked to choose the translucent object amongst them. He made the perfect selection.

Mushtaq made his selection by

- A. Touching the objects
- B. Putting them in water
- C. Viewing through the objects

D. Placing a magnet near the objects

Answer:



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1. Which of following is not correct regarding image formed by plane mirror ?

A. Image is Virtual

B. Laterally Inverted

C. Image is of same size as object

D. Image is real

Answer:



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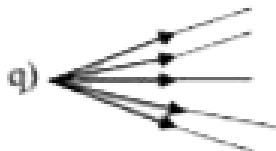
lit Jee Worksheet

1. Matrix matching

(A) Ray of light

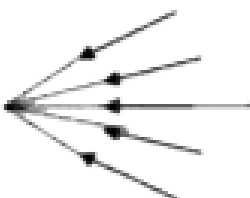


(B) Parallel beam



of light

(C) Divergent beam



of light

(D) Convergent



beam of light



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