## Courses » Laser Fundamentals and Applications

Announcements Course Ask a Question Progress FAQ

## Unit 1 - How to access the portal

## Register for Certification exam

## Course outline

How to access the portal

How to access
the home
page?
How to access the course page?

How to access the MCQ, MSQ and
Programming assignments?

Quiz :
Assignment 0

## Week 1 -

Introduction to
LASERs

## Week 2 -

Concept of population inversion, 2-level, 3-level, and 4-level systems, Components of LASERs

Week 3 -
Threshold

## Assignment 0

The due date for submitting this assignment has passed.
As per our records you have not submitted this
Due on 2019-02-04, 23:59 IST. assignment.

1) The phenomenon in which the incident light falling on a surface goes back to the same $\mathbf{0}$ points medium is called $\qquad$ -.RefractionReflectionInterferenceDiffraction
No, the answer is incorrect.
Score: 0
Accepted Answers:
Reflection
2) What is the angle between the incident and reflected rays when a ray of light is incident $\mathbf{O}$ points normally on a mirror plane?

- $90^{\circ}$
- $180^{\circ}$
- $0^{0}$
- $45^{\circ}$

No, the answer is incorrect.
Score: 0
Accepted Answers:
$0^{0}$
3) The ratio of Sine of angle of incidence to the Sine of angle of refraction for a pair of two $\mathbf{0}$ points media is constant. This is called $\qquad$
$\qquad$
-nallo-1...
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No, the answer is incorrect.
Score: 0
Accepted Answers:
2.33 eV
9) Which of the following photons will possess highest energy?InfraredUltra VioletX-rayGamma ray
$>$

No, the answer is incorrect.
Score: 0
Accepted Answers:
Gamma ray
10)What does the acronym MASER stand for?Microwave Amplification by Stimulated Emission of RadiationMolecular Absorption by Stimulated Emission of RadiationMultiphoton Absorption by Stimulated Emission of RadiationMicrowave Amplification by Spontaneous Emission of Radiation
No, the answer is incorrect.
Score: 0
Accepted Answers:
Microwave Amplification by Stimulated Emission of Radiation

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