BSE Coaching for Mathematics and Science

Class 8 light and vision: Reflection and refraction MCQ with Ans

1.	A ray of light	strikes the	surface	of mirror	at an	angle	of 30°	with the	mirror.	The:	angle o	4
refle	ction is:											

(a) 30°

(b) 60°

(c) 45°

(d) none.

An object 20cm high is placed at a distance of 100 cm from a plane mirror . The size of the image will be.

(a) 20 cm

(b) 40cm

(c) 10cm

(d) 100cm

3. Velocity of light in vacuum is

(a)3×108 cm/s (b)3×108 km/s (c)3×108 m/s

(d)none of these

A concave mirror is a part of a sphere of radius 30cm.lt's focal length is

(a) at infinity

(b) 10cm

(c)15cm

(d) 60cm

Magnification produced by a plane mirror is

(m)-1

(b) zero

(c) + 1

(d) infinity

Mirror used for focusing light is 6.

(a) Concave

(b) Convex

(c) plane

(d) none

7. A concave mirror forms a real and enlarged image of an object if the object is placed at/between

(a) 2F

(b) F

(c) F and C

(d)F and P

Focal length of a plane mirror is 8.

zero (an)

(b)infinity

(c) double of its aperture

(d)half of its aperture

9. Sin C =

(a) m/1

(b) 1/n

(c) n²

(d)n/2

When a ray of light is incident normally, the angle of incidence is

Multiple Choice Questions Of Optics And Refraction

Jianjun Gao

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