

eExam Question Bank

Coursecode:

Choose Coursecode ▼

Show entriesSearch:

<input type="checkbox"/>	Question Type ↕	Question ↕	A ↕	B ↕	C ↕	D ↕	Answer ↕	Remark ↕
<input type="checkbox"/>	FBQ	The image formed by a concave lens irrespective of the object distance may be diminished or enlarged, but it is always virtual, erect and <input type="text"/> —.	upright	upright				<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	The image formed by a convex lens when the object distance is less than f is erect, enlarged and <input type="text"/>	virtual	virtual				<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	When object distance is greater than $2f$ then image formed by a convex lens is diminished, inverted and <input type="text"/>	real	real				<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	The ability of the eye lens to focus on near and far objects is known as <input type="text"/>	accommodation	accommodation				<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	The property of light waves that is responsible for the colours seen in soap bubbles is <input type="text"/>	interference	interference				<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	We know that light is a transverse rather than longitudinal wave, because the <input type="text"/> of longitudinal wave is meaningless	polarisation	polarization				<input type="button" value="eExam"/>
<input type="checkbox"/>	FBQ	Which of the following the colours produces the widest diffraction pattern? Orange, red, violet, green. <input type="text"/>	red	red				<input type="button" value="eExam"/>

<input type="checkbox"/>									
<input type="checkbox"/>	FBQ	A human eye employs a <input type="text"/> lens to form inverted images on the retina	converging	convex					eExam
<input type="checkbox"/>	FBQ	The mnemonic for remembering the colours of the rainbow (colours of in the spectrum of white light) is <input type="text"/>	ROYGBIV	roygbiv					eExam
<input type="checkbox"/>	FBQ	By comparing the eye with a camera, the part of the eye that plays the same role as the screen of the camera is the <input type="text"/>	retina	retina					eExam
<input type="checkbox"/>	FBQ	The muscular diaphragm of the eye of variable size that controls the size of pupil and regulates the amount of light entering into the eye is called the <input type="text"/>	iris	iris					eExam
<input type="checkbox"/>	FBQ	The type of spectra produced by a molecule is known as <input type="text"/> spectra	band	band					eExam
<input type="checkbox"/>	FBQ	The type of spectra formed by rarefied gases is known <input type="text"/>	line	line					eExam
<input type="checkbox"/>	FBQ	When electrons of excited atoms fall back their lower energy states, they produce <input type="text"/> spectra	emission	emission					eExam
<input type="checkbox"/>	FBQ	The type of spectrum formed by white light produced when a solid material is heated to incandescence is called <input type="text"/> spectrum	continuous	continuous					eExam
<input type="checkbox"/>	FBQ	When white light passes through the a prism, a spectrum of different colours is formed. The colour that represents the wave with the highest energy of the spectrum is <input type="text"/>	violet	violet					eExam

<input type="checkbox"/>								
<input type="checkbox"/>	FBQ	When white light passes through the a prism, a spectrum of different colours is formed. The colour that represents the wave with the least energy of the spectrum is <input type="text"/>	red	red				eExam
<input type="checkbox"/>	FBQ	When white light passes through the a prism, a spectrum of different colours is formed. The colour that represents the wave with the least frequency of the spectrum is <input type="text"/>	red	red				eExam
<input type="checkbox"/>	FBQ	When white light passes through the a prism, a spectrum of different colours is formed. The colour that represents the wave with the highest frequency of the spectrum is <input type="text"/>	violet	violet				eExam
<input type="checkbox"/>	FBQ	The equation $\frac{1}{f} = \frac{1}{\mu - 1} \left(\frac{1}{r_1} + \frac{1}{r_2} \right)$, where the symbols have their usual meaning as appropriate. This is called the <input type="text"/> 's equation	lens maker	lens maker				eExam
<input type="checkbox"/>	FBQ	The characteristics of image formed by a convex lens when the object distance is less than f is as follows: It is virtual, it is enlarged and it is <input type="text"/>	erect	erect				eExam
<input type="checkbox"/>	FBQ	The characteristics of image formed by convex lens when the object is kept at 2f are as follows: it is inverted, it is of unit magnification and it is <input type="text"/>	real	real				eExam
<input type="checkbox"/>	FBQ	When object distance is greater than 2f then image formed is real, inverted and <input type="text"/>	diminished	diminished				eExam

<input type="checkbox"/>								
<input type="checkbox"/>	FBQ	An object 3 cm tall is placed 30 cm in front of a convex lens of focal length 10 cm. The image distance is <input type="text"/> cm to the nearest whole number	15	15				eExam
<input type="checkbox"/>	FBQ	A concave lens is also known as a <input type="text"/> lens	diverging	diverging				eExam
<input type="checkbox"/>	FBQ	The image of an object formed by an object placed between the centre of a lens and its principal focus is <input type="text"/>	virtual	virtual				eExam
<input type="checkbox"/>	FBQ	A triangular glass block, which may be equilateral or isosceles, which can be used for refraction experiments is called the <input type="text"/>	prism	prism				eExam
<input type="checkbox"/>	FBQ	the principle behind the fibre optics is <input type="text"/>	Total internal reflection	Total internal reflection				eExam
<input type="checkbox"/>	FBQ	A <input type="text"/> lens is a convex lens with one end flat	plano-concave	plano concave				eExam
<input type="checkbox"/>	FBQ	Total internal reflection occurs when the angle of incidence is greater than the <input type="text"/> angle as light passes from dense to rare medium	critical	critical				eExam
<input type="checkbox"/>	FBQ	When light passes from a dense to rare medium, the angle of incidence at which the refracted wave travels parallel to the interface is called the <input type="text"/> angle	critical	critical				eExam
<input type="checkbox"/>	FBQ	When a light wave passes from one medium to another having different optical properties, the <input type="text"/> of the wave does not change	frequency	frequency				eExam

<input type="checkbox"/>								
<input type="checkbox"/>	FBQ	The ratio of the velocities of light as it passes from one medium to another is called <input type="text"/> the of the second medium relative to the first	refractive index	index of refraction				eExam
<input type="checkbox"/>	FBQ	The statement that the ratio of the sine of the angle of incidence to the angle of refraction is called the <input type="text"/> _'s law	Snell	Snell				eExam
<input type="checkbox"/>	FBQ	The bending of light on passing from one medium into another is called <input type="text"/>	refraction	refraction				eExam
<input type="checkbox"/>	FBQ	When a light wave passes from one medium to another having different optical properties, part of the energy of the light wave is reflected back into the first medium while the remainder is <input type="text"/> into the second medium	transmitted	transmitted				eExam
<input type="checkbox"/>	FBQ	The statement that "a point on the wavefront of an advancing light wave is a source of secondary wavelets" is the <input type="text"/> 's principle	Huygen	Huygen				eExam
<input type="checkbox"/>	FBQ	An object is placed 0.15 m in front of a concave mirror of focal length 0.1m. the magnification of the image formed is <input type="text"/> m to the nearest whole number	2	2				eExam
<input type="checkbox"/>	FBQ	In the lens formula $\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$, the quantity $\frac{1}{f}$ is measured in units called <input type="text"/>	diopiter	diopiter				eExam

<input type="checkbox"/>								
<input type="checkbox"/>	FBQ	In the lens formula $\frac{1}{u} + \frac{1}{v} = \frac{1}{f}$, the quantity $\frac{1}{f}$ is called the <input type="text"/> of the lens	power	power				eExam
<input type="checkbox"/>	FBQ	The ratio of the image size to the object size is called the <input type="text"/> of the mirror	magnification	magnification				eExam
<input type="checkbox"/>	FBQ	The type of mirror that is most suitable to be used as a driving mirror is <input type="text"/>	convex	diverging				eExam
<input type="checkbox"/>	FBQ	A ray of light which passes through the <input type="text"/> of the mirror is reflected back along its path	centre of curvature	centre				eExam
<input type="checkbox"/>	FBQ	If a concave mirror forms an object placed in front it. The image is erect, virtual and enlarged. This implies the object is placed between the mirror and the <input type="text"/>	principal focus	focus				eExam
<input type="checkbox"/>	FBQ	A point on the principal axis of a curved mirror where rays parallel and close to the mirror converge or appear to diverge after reflection from the mirror is called the <input type="text"/> of the mirror	principal focus	focus				eExam
<input type="checkbox"/>	FBQ	Images formed by mirrors and lenses which cannot be cast on a screen are said to be <input type="text"/>	virtual	virtual				eExam
<input type="checkbox"/>	FBQ	Images formed by plane mirrors are said to be <input type="text"/> inverted	laterally	laterally				eExam

<input type="checkbox"/>								
<input type="checkbox"/>	FBQ	The laws of reflection can be summarized by the statements that the incident ray, the reflected ray and the normal at the point of incidence all lie in the same plane and that the angle of incident equals the angle of <input type="text"/>	reflection	reflection				eExam
<input type="checkbox"/>	FBQ	An imaginary thin straight line drawn from the source of light and pointing in the direction of its propagation is called <input type="text"/>	ray	ray				eExam
<input type="checkbox"/>	FBQ	Objects that produce their own light are said to be <input type="text"/>	luminous	luminous				eExam
<input type="checkbox"/>	FBQ	The compound microscope essentially consists of <input type="text"/> lenses of focal length f_1 and f_2 in which one of the lenses (of focal length f_1) is the <input type="text"/> and the second lens (of focal length f_2) is the <input type="text"/>	two convex, objective lens, eye piece	two convex, objective lens, eye piece				
<input type="checkbox"/>	FBQ	<input type="text"/> are drawn on light rays to show the direction in which light travels.	Arrows	Arrows				
<input type="checkbox"/>	FBQ	In regular reflection, parallel light rays remain <input type="text"/> after falling on a smooth and polished surface.	parallel	parallel				
<input type="checkbox"/>	FBQ	Light travels in <input type="text"/> lines.	straight	straight				
<input type="checkbox"/>	FBQ	The normal is always <input type="text"/> to the mirror.	perpendicular	perpendicular				
<input type="checkbox"/>	FBQ	The path along which light travels is called a <input type="text"/> —.	ray	ray				

<input type="checkbox"/>								
<input type="checkbox"/>	FBQ	Angle of reflection is the angle between <input type="text"/> and the <input type="text"/>	reflected ray, normal	reflected ray, normal				
<input type="checkbox"/>	FBQ	A human eye employs a <input type="text"/> lens to form <input type="text"/> images.	converging, real	converging , real				
<input type="checkbox"/>	FBQ	A concave mirror is one with its reflecting surface curved <input type="text"/>	inwards	inwards				
<input type="checkbox"/>	FBQ	A ray of light passing through the <input type="text"/> retraces its path.	centre of curvature	centre of curvature				
<input type="checkbox"/>	FBQ	<input type="text"/> ray is the bent ray as a result of passing from one optical medium to another.	Refracted	Refracted				
<input type="checkbox"/>	FBQ	A simple microscope uses <input type="text"/>	one convex lens	one convex lens				
<input type="checkbox"/>	FBQ	<input type="text"/> is an imaginary line perpendicular to the surface where the refraction occurs.	Normal	Normal				
<input type="checkbox"/>	FBQ	The focal length of a plane mirror is <input type="text"/>	Infinite	Infinite				
<input type="checkbox"/>	FBQ	Longitudinal waves do not exhibit <input type="text"/>	Polarization	Polarization				
<input type="checkbox"/>	FBQ	Angle of refraction is the angle between <input type="text"/> and the <input type="text"/>	refracted ray, normal	refracted ray, normal				
<input type="checkbox"/>	FBQ	A compound microscope consists of <input type="text"/>	two convex lenses	two convex lenses				
<input type="checkbox"/>	FBQ	Polarise light is used in <input type="text"/> to create illusion of three dimensional pictures.	Films	Film industries				

<input type="checkbox"/>								
<input type="checkbox"/>	FBQ	The central spot of Newtons rings is <input type="text"/> due to destructive interference.	Dark	Dark				
<input type="checkbox"/>	FBQ	The three uses of convex lens are Spectacles for correction of long sightedness <input type="text"/>	Camera and Magnifying glass	Camera Magnifying glass				
<input type="checkbox"/>	FBQ	<input type="text"/> lens is used to correct near-sightedness (myopia)	Convex lens	Convex lens				
<input type="checkbox"/>	FBQ	The experiment that shows that wavelength of light is smaller than that of sound is called <input type="text"/>	Diffraction	Diffraction				
<input type="checkbox"/>	FBQ	Based on the same principle that light travels at different <input type="text"/> in different <input type="text"/> , a straight stick will appear bent when placed in a glass of water.	speed, mediums	speed, mediums				
<input type="checkbox"/>	FBQ	Polarization is a property of <input type="text"/>	transverse waves	transverse waves				
<input type="checkbox"/>	FBQ	<input type="text"/> _is a way of producing polarised light.	Reflection	Refraction, Double refraction				
<input type="checkbox"/>	FBQ	Appearance of colour in thin films is due to <input type="text"/>	interference	interference				
<input type="checkbox"/>	FBQ	The image formed by an astronomical telescope is <input type="text"/>	virtual and diminished	virtual and diminished				
<input type="checkbox"/>	FBQ	Diffraction effect is more for a <input type="text"/> image	sharp	sharp				
<input type="checkbox"/>	FBQ	When light travels from a fast medium to a slower medium, the refracted ray changes phase by <input type="text"/>	wavelength/3	wavelength/3				

<input type="checkbox"/>								
<input type="checkbox"/>	FBQ	The eye-ring is the image of the <input type="text"/> at the eyepiece.	objective lens	objective lens				
<input type="checkbox"/>	FBQ	The bending of a ray of light that passes from one medium to another is called <input type="text"/>	refraction	refraction				
<input type="checkbox"/>	FBQ	Light will not pass through a pair of polarizing lenses when their axes are <input type="text"/>	perpendicular	perpendicular				
<input type="checkbox"/>	FBQ	<input type="text"/> lens is used to correct far-sightedness (hyperopia)	Convex lens	Convex lens				
<input type="checkbox"/>	FBQ	A concave mirror or convex mirror has a pole, <input type="text"/> and <input type="text"/>	center of curvature, the principal focus	center of curvature, the principal focus				
<input type="checkbox"/>	FBQ	Light on passing through a Polaroid is <input type="text"/>	plane polarized	plane polarized				
<input type="checkbox"/>	FBQ	With reflection methods, one can locate and map granites and <input type="text"/>	diamonds	diamond				
<input type="checkbox"/>	FBQ	The principal focus F of a converging lens is the point to which <input type="text"/>	all rays parallel and close to the principal axis converge after refraction through the lens	all rays parallel and close to the principal axis converge after refraction through the lens				
<input type="checkbox"/>	FBQ	The focal length f is the distance between <input type="text"/>	the optical center and the principal focal of the lens	the optical center and the principal focal of the lens				
<input type="checkbox"/>	FBQ	<input type="text"/> acts as a muscular diaphragm of variable size that controls the size of pupil and also function to regulate the amount of light entering to the eye.	Iris	Iris				
<input type="checkbox"/>	FBQ	The optical center of a lens is a point through which <input type="text"/>	rays of light pass through without being deviated by the lens	rays of light pass through without being deviated by the lens				

<input type="checkbox"/>								
<input type="checkbox"/>	FBQ	The study of wavelengths of the radiation coming out from a hot body is called <input type="text"/>	Spectra	Spectra				
<input type="checkbox"/>	FBQ	When the object is placed at the focal point of a convex lens, the image is formed at <input type="text"/>	Infinity	Infinity				
<input type="checkbox"/>	FBQ	Image distance is define as: <input type="text"/>	the distance between image and mirror	the distance between image and mirror				
<input type="checkbox"/>	FBQ	Refractive index can be defined as the ratio of the speed of light c in a <input type="text"/> to the speed of light v in some other substance.	Vacuum air	Vacuum air				
<input type="checkbox"/>	FBQ	The image produced by a concave lens is <input type="text"/>	always virtual and reduced in size	always virtual and reduced in size				
<input type="checkbox"/>	FBQ	Snells law states that the sine of the angle of incident and <input type="text"/> have a contant ratio to each other	reflection	reflected				
<input type="checkbox"/>	FBQ	The focal length of concave mirror is considered <input type="text"/> while that of the convex mirror is taken as <input type="text"/>	positive, negative	positive, negative				
<input type="checkbox"/>	FBQ	A positive magnification greater than unity indicates <input type="text"/>	virtual image	virtual image				
<input type="checkbox"/>	FBQ	<input type="text"/> is the type of image that can be obtained on a screen.	Real	Real				
<input type="checkbox"/>	FBQ	Magnification is the <input type="text"/>	the degree of enlargement or reduction of the size of an object through it image formed	the degree of enlargement or reduction of the size of an object through it image formed				
<input type="checkbox"/>	FBQ	A convex lens ia called <input type="text"/>	converging lens	converging lens				

<input type="checkbox"/>								
<input type="checkbox"/>	FBQ	<input type="text"/> is formed through actual intersection of light rays and can be captured on a screen.	Real image	Real image				
<input type="checkbox"/>	FBQ	<input type="text"/> and <input type="text"/> converge parallel light rays incident upon them.	Concave mirror, convex lens	Concave mirror, convex lens				
<input type="checkbox"/>	FBQ	Radius of curvature of a concave mirror is always <input type="text"/> to the mirror.	perpendicular	perpendicular				
<input type="checkbox"/>	FBQ	Refractive index is the ratio of <input type="text"/> to the <input type="text"/>	speed of light (c) in vacuum (air), speed of light (v) in some other substance.	speed of light (c) in vacuum (air), speed of light (v) in some other substance.				
<input type="checkbox"/>	FBQ	The second law of reflection states that: <input type="text"/>	the angle of incident equals to the angle of reflection	the angle of incident equals to the angle of reflection				
<input type="checkbox"/>	FBQ	<input type="text"/> mirrors are used as rear view mirrors in automobiles	Convex	Convex				
<input type="checkbox"/>	FBQ	Object distance is defined as <input type="text"/>	the distance of the object from the mirror	the distance of the object from the mirror				
<input type="checkbox"/>	FBQ	An object becomes invisible when it undergoes <input type="text"/> reflection.	regular	regular				
<input type="checkbox"/>	FBQ	The SI unit of power of lens is <input type="text"/>	Dioptre	Dioptre				
<input type="checkbox"/>	MCQ	Which of the following is NOT correct?	light is a longitudinal wave	light is a tranverse wave	light is an electromagnetic wave	light can exhibit the phenomenon of polarisation	A	eExam
<input type="checkbox"/>	MCQ	The speed of light in glass is approximately ----- that in air	100 times faster than	100 times slower than	50 per cent faster than	33 percent slower than	D	eExam
<input type="checkbox"/>	MCQ	The property of light waves that detrmnes its brightness is its -----	wavelength	velocity	frequency	amplitude	D	eExam

<input type="checkbox"/>								
<input type="checkbox"/>	MCQ	Telescopes that use mirrors as the objectives are known as -----	refractors	reflectors	Galilean telescopes	terrestrial telescopes	B	eExam
<input type="checkbox"/>	MCQ	How far from a magnifying glass do you place an object to view it?	closer than than the focal length	distance equal to the focal length	greater than the focal length but less than twice the focal length	at twice the focal length	A	eExam
<input type="checkbox"/>	MCQ	The critical angle for total internal reflection at an air-water interface is approximately 48 degrees. In which of the following situations will total internal reflection occur?	light incident in water at 40 degrees	light incident in water at 55 degrees	light incident in air at 40 degrees	light incident in air at 55 degrees	C	eExam
<input type="checkbox"/>	MCQ	Where is the image located when an object is 60 cm from a convex mirror with a focal length of 20 cm?	15 cm behind	30 cm behind	60 cm behind	15 cm in front	A	eExam
<input type="checkbox"/>	MCQ	What type of image is formed when an object is placed at a distance of 1.5 focal lengths from a convex mirror?	erect and virtual	inverted and virtual	erect and real	inverted and real	A	eExam
<input type="checkbox"/>	MCQ	The image formed by a bathroom mirror is	erect and virtual	erect and real	inverted and virtual	inverted and real	A	eExam
<input type="checkbox"/>	MCQ	The focal length of a curved mirror is ----- the radius of the spherical surface.	twice	equal to	half	one-quarter	D	eExam
<input type="checkbox"/>	MCQ	What type of mirror would you use to produce a magnified image of your face?	plane	concave	convex	diffuse	B	eExam
<input type="checkbox"/>	MCQ	If rays of light parallel and close to the principal axis are incident on a ----- mirror, they converge to a point after reflection from the mirror	plane	convex	concave	diffuse	C	eExam
<input type="checkbox"/>	MCQ	If a 4-m-tall child stands 2 m in front of a vertical plane mirror, the image of the child will be ----- m tall	1	2	3	4	A	eExam
<input type="checkbox"/>	MCQ	If you stand 2 m in front of a plane mirror, how far from you is your image?	1 m	2 m	3 m	4 m	D	eExam
<input type="checkbox"/>	MCQ	The law of reflection states that	light travels in a straight line	light must be reflected into our eyes to be seen	the angle of reflection is equal to the angle of incidence	light striking a rough surface is scattered in all directions	C	eExam

<input type="checkbox"/>								
<input type="checkbox"/>	MCQ	A camera obscura used by a potrait painter is located 6 m from a child who stands 1 m tall. How tall is her image if the back of the camera obscura is 2 m away?	1/3 m	1/2 m	1 m	3 m	A	eExam
<input type="checkbox"/>	MCQ	What effect does enlarging of the hole in a pinhole camera have on the image? The image gets	larger	smaller	shaper	fuzzier	D	eExam
<input type="checkbox"/>	MCQ	The critical angle for total internal reflection at an air-water interface is approximately 48° . In which of the following situations will total internal reflection occur?	light incident in water at 40°	light incident in water at 55°	light incident in air at 40°	light incident in air at 55°	B	eExam
<input type="checkbox"/>	MCQ	The back surfaces of automobile headlights are curved	because inverted, real images shine brighter	to concentrate light in one direction	for structural reasons not related with optics	to get multiple images of the filament	B	eExam
<input type="checkbox"/>	MCQ	What type of mirror would you use to produce a magnified image of your face?	plane	convex	concave	diffuse	B	eExam
<input type="checkbox"/>	MCQ	A ray of light parallel and close to the principal axis of a concave mirror is reflected back	through the centre of curvature of the mirror	through the focal point	parallel to the principal axis	as if it came from the focal point	B	eExam
<input type="checkbox"/>	MCQ	If rays of light parallel and close to the principal axis are incident on ----- mirror, they appear to diverge from a point after leaving the mirror	plane	convex	concave	diffuse	B	eExam
<input type="checkbox"/>	MCQ	If rays of light parallel and close to the principal axis are incident on ----- mirror, they converge to a point after leaving the mirror	plane	convex	concave	diffuse	C	eExam
<input type="checkbox"/>	MCQ	A man standing in front of a plane mirror of vertical dimension 85cm is just able to see his full image i.e. from his feet to the top of his head. How tall is the man?	1.3 m	1.5 m	1.7 m	1.9 m	C	eExam
<input type="checkbox"/>	MCQ	The images produced by opposing plane mirrors appear to get progressively smaller because they are progressively	smaller	farther away	smaller and farther away	fainter	B	eExam

<input type="checkbox"/>								
<input type="checkbox"/>	MCQ	How many images are formed by two mirrors at 45 degrees to each other?	1	3	5	7	D	eExam
<input type="checkbox"/>	MCQ	Two plane mirrors AB and BC make an angle of 60 degrees at B between their reflecting surfaces. A ray of light incident at A makes an angle of 50 degrees with the normal to AB. What is the angle between the reflected ray and the normal to BC at C?	10 degrees	20 degrees	30 degrees	40 degrees	A	eExam
<input type="checkbox"/>	MCQ	How do the size and location of your image change as you walk away from a plane mirror?	the same size and the same distance away	smaller and further away	smaller and the same distance away	the same size and further away	D	eExam
<input type="checkbox"/>	MCQ	A ray of light makes an angle of 30 degrees with the normal to a plane mirror. The mirror is turned through an angle of 10 degrees, making the incidence angle 40 degrees. Through what angle is the reflected ray turned?	10 degrees	20 degrees	30 degrees	40 degrees	B	eExam
<input type="checkbox"/>	MCQ	Which letter corresponds to the location of the image of the object O shown in the diagram?	A	B	C	D	D	eExam
<input type="checkbox"/>	MCQ	The law of reflection says that	light travels in a straight line	light must be reflected into your eyes to be seen	the angle of reflection is equal to the angle of incidence	light striking a rough surface is scattered in many directions	C	eExam
<input type="checkbox"/>	MCQ	Two plane mirrors M1 and M2 are parallel to each other with M2 on the right of M1. The mirrors are 30 cm apart. A pin is placed between the mirrors 7.5 cm from M2. Calculate the distance of the second image from each mirror.	37.5 cm and 52.5 cm	22.5 cm and 7.2 cm	17.5 cm and 32.5 cm	67.5 cm and 82.5 cm	A	eExam
<input type="checkbox"/>	MCQ	In order for you to just be able to see the top of your head with a plane mirror, the top of mirror must be	even with your chin	at eye level	midway between your eyes and the top of your head	level with the top of your head	C	eExam
<input type="checkbox"/>	MCQ	If a 4-m-tall child stands 2 m in front of a vertical plane mirror, the image of the child will be ----- m tall	1	2	4	8	C	eExam

<input type="checkbox"/>								
<input type="checkbox"/>	MCQ	If you stand 2 m in front of a plane mirror, how far away from you is your image?	1 m	2 m	3 m	4 m	D	eExam
<input type="checkbox"/>	MCQ	How long is the image of a metre stick formed by a plane mirror?	one metre	less than one metre	more than one metre	half a metre	A	eExam
<input type="checkbox"/>	MCQ	An image formed by a plane mirror is	magnified	diminished	laterally inverted	real	C	eExam
<input type="checkbox"/>	MCQ	What is the refractive index of glass material for which the speed of light in it is 1.92×10^8 m/s?	2.41	1.56	0.54	1.35	B	eExam
<input type="checkbox"/>	MCQ	The speed of light	has never been measured	is about the same as that of sound	is infinitely fast	is very large, but not infinite	D	eExam
<input type="checkbox"/>	MCQ	How far in front of a concave spherical mirror with a focal length f would you place a candle so that it appears to burn from both sides?	$4f$	$2f$	f	$1/2 f$	B	eExam

Showing 1 to 150 of 220 entries

Previous 1 2 Next