www.zigya.com

## Previous Year Paper

Physics - 2006

## : 三 Multiple Choice Questions

1. To cover a population of 20 lakh, a transmission tower should have a height (Radius of earth $=$ 6400 km , populatton per square $\mathrm{km}=1000$ )
A. 25 m
B. 50 m
C. 75 m
D. 100 m

Answer
2. Three blocks of masses $m_{1} m_{2}$ and $m_{3}$ are connected by massless string as shown kept on a frictionless table.


They are pulled with a force $T_{3}=40 \mathrm{~N}$. If $m_{1}=10 \mathrm{~kg}, \mathrm{~m}_{2}=6 \mathrm{~kg}$ and $\mathrm{m}_{3}=4 \mathrm{~kg}$, the tension $\mathrm{T}_{2}$ will be
A. 20 N
B. 40 N
C. 10 N
D. 32 N

Answer
3. If the two vectors $A \rightarrow=2 i^{\wedge}+3 j^{\wedge}+4 k^{\wedge}$ and $B \rightarrow=i^{\wedge}+2 j^{\wedge}-n k^{\wedge}$ are perpendicular then the value of $n$ is
A. 1
B. 2
C. 3
D. 4

Answer
4. A stone of mass $m$ tied to a string of length I is rotating along a circular path with constant speed v . The torque on the stone is
A. mlv
B. mvl
C. zero

Like. Share. Bookmark. Download. Make Notes. Print - Your Favourite Questions. Join www.zigya.com

- LANDSAA SETIES र्ण satellites move in near polar orbits at an altitudeर्ण
A. Studyo Assignments, Solved Previous Year Papers. Questions and Answers. Free Forever.
B. 3000 km
C. 918 km
D. 512 km

Answer
6. A boat travels 50 km east, then 120 km North and finally it comes back to the starting point through the shortest distance. The total time of journey is 3 h . What is the average velocity, in $\mathrm{km} \mathrm{h}^{-1}$ over the entire trip ?
A. zero
B. 100
C. 17
D. 33.33

Answer
7. Potential energy in a spring when stretched by 2 cm is $U$. Its potential energy, when stretched by 10 cm is
A. U25
B. U 5
C. 25 U
D. 5 U

Answer
8. A toy cyclist completes one round of a square track of side 2 m in 40 s . What will be the displacement at the end of 3 min ?
A. 52 m
B. zero
C. 16 m
D. 22 m

Answer
9. The mass of a planet is six times that of the earth. The radius of the planet is twice that of the earth. If the escape velocity from the earth is $v$, then the escape velocity from the planet is
A. 3 v
B. 2 v
C. v
D. 5 v

Answer
10. Two trains, each of length 200 m are runmng on parallel tracks. One overtakes the other in 20 s and one crosses the other in 10 s . The velocities of the two trains are

Like. Share. Bookmark. Download. Make Notes. Print - Your Favourite Questions. Join www.zigya.com

Study Anssignments，Solved Previous Year Papers．Questions and Answers．Free Forever．
Answer
11．The distance between the centres of carbon and oxygen atoms in the carbon monoxide molecule is $1.130 \mathrm{~A} \circ$ ．Locate the centre of mass of the molecule relative to the carbon atom

A． 5.428 A 。
B． 1.130 A 。
C． 0.6457 A 。
D． 0.3260 A 。
Answer
12．Which of the following sets of quantities have same dimensional formula ？
A．Frequency，angular frequency and angular momentum
B．Surface tension，stress and spring constant
C．Work，energy and torque
D．Thermal capacity，specific heat and entropy Answer

13．A 20 kg ball moving with a velocity $6 \mathrm{~m} / \mathrm{s}$ collides with a 30 kg ball initially at rest．If both of them coalesce，then the final velocity of the combined mass is

A． $6 \mathrm{~m} / \mathrm{s}$
B． $5 \mathrm{~m} / \mathrm{s}$
C． $3.6 \mathrm{~m} / \mathrm{s}$
D． $2.4 \mathrm{~m} / \mathrm{s}$ Answer

14．A monkey climbs up and another monkey climbs down a rope hanging from a tree with same uniform acceleration separately．If the respective masses of monkeys are in the ratio $2: 3$ ，the common acceleration must be

A．$g / 5$
B． 6 g
C．$g / 2$
D．$g$
Answer
15．A running man has the same kinetic energy as that of a boy of half his mass．The man speeds up by $2 \mathrm{~ms}^{-1}$ and the boy changes his speed by $\mathrm{xms}^{-1}$ ，so that the kinetic energies of the boy and the man are again equal．Then x in $\mathrm{ms}^{-1}$ is

A．-22
B．+22
C． 2
$D_{1} 2$
Like．Śhäre．Bookmark．Download．Make Notes．Print－Your Favourite Questions．Join www．zigya．com
uniform retardation, $a$. There will be no collision when
A. $d<v 1-v 22 a$
B. $d>v 12-v 222 a$
C. $d>v 1-v 222 a$
D. $d<v 12-v 222 a$

Answer
17. A symmetrical body is rotating about its axis of symmetry, its moment of inertia about the axis of rotation being $1 \mathrm{kgm}^{2}$ and its rate of rotation $2 \mathrm{rev} / \mathrm{s}$. The angular momentum is
A. $1.257 \mathrm{~kg} \mathrm{~m}^{2} / \mathrm{s}$
B. $12.57 \mathrm{~kg} \mathrm{~m}^{2} / \mathrm{s}$
C. $13.57 \mathrm{~kg} \mathrm{~m}^{2} / \mathrm{s}$
D. $20 \mathrm{~kg} \mathrm{~m}^{2} / \mathrm{s}$

Answer
18. A car of mass 1000 kg moves on a circular track of radius 20 m . If the coefficient of friction is 0.64 , then the maximum velocity with which the car can move is
A. $15 \mathrm{~m} / \mathrm{s}$
B. $11.2 \mathrm{~m} / \mathrm{s}$
C. $20 \mathrm{~m} / \mathrm{s}$
D. $18 \mathrm{~m} / \mathrm{s}$

Answer
19. Two planets have radii $r_{1}$ and $r_{2}$ and densities $d_{1}$ and $d_{2}$ respectvely. Then the ratio of acceleration due to gravity on them will be
A. $r_{1} d_{1}: r_{2} d_{2}$
B. $r_{1} d_{2}: r_{2} d_{1}$
C. $r_{1}^{2} d_{1}: r_{2}^{2} d_{2}$
D. $r_{1}: r_{2}$

Answer
20. A physical quantity $P$ is related to four measurable quantities $a, b, c$ and $d$ as follows

$$
P=a 3 b 2 c d
$$

The percentage errors of measurement in $a, b, c$ and $d$ are $1 \%, 3 \%, 4 \%$ and $2 \%$. The percentage error in the quantity P is
A. 10 \%
21. The momentum of a body is increased by $25 \%$. The kinetic energy is increased by about
A. $25 \%$
B. $5 \%$
C. $56 \%$
D. $38 \%$

Answer
22. A particle of mass $m=5$ units is moving with a uniform speed $v=32 \mathrm{~m}$ in the XOY plane along the line $Y=X+4$. The magnitude of the angular momentum about origin is
A. zero
B. 60 unit
C. 7.5 unit
D. 402 unit

Answer
23. A string of density $7.5 \mathrm{~g} \mathrm{~cm}^{3}$ and area of cross-section $0.2 \mathrm{~mm}^{2}$ is stretched under a tension of 20 N . When it is plucked at the mid-point, the speed of the transverse wave on the wire is
A. $116 \mathrm{~ms}^{-1}$
B. $40 \mathrm{~ms}^{-1}$
C. $200 \mathrm{~ms}^{-1}$
D. $80 \mathrm{~ms}^{-1}$

Answer
24. A work of $2 \times 10^{-2} \mathrm{~J}$ is done on a wire of length 50 cm and area of cross-section $0.5 \mathrm{~mm}^{2}$. If the Young's modulus of the matenal of the wire is $2 \times 10^{10} \mathrm{Nm}^{-2}$, then the wire must be
A. elongated to 50.1414 cm
B. contracted by 2.0 mm
C. stretched by 0.707 mm
D. of length changed to 49.293 cm

Answer
25. Water rises in a capillary tube to a height $h$. Choose false statement regarding capillary rise from the following
A. On the surface of Jupiter, height will be less than $h$
B. In a lift moving up with constant acceleration height is less than $h$
C. On the surface of moon the height is more than $h$
D. In a lift moving down with constant acceleration height is less than $h$

Answer
26. The mstantaneous aisplacement or a simple narmonic oscillator is given by y $=A \cos \omega t+\pi 4$. Its


Studyt Assignments, Solved Previous Year Papers . Questions and Answers. Free Forever.
D. $\pi 4 \omega$

Answer
27. A particle of mass 5 g is executing simple harmonic motion with amplitude of 0.3 m and time period $\pi / 5 \mathrm{~s}$. The maximumvalue of the force acting on the particle is
A. 5 N
B. 4 N
C. 0.15 N
D. 0.3 N

Answer
28. In a gas, two waves of wavelengths 1 m and 1.01 m are superposed and produce 10 beats in 3 s . The velocity of sound in the medium is
A. $300 \mathrm{~m} / \mathrm{s}$
B. $336.7 \mathrm{~m} / \mathrm{s}$
C. $360.2 \mathrm{~m} / \mathrm{s}$
D. $270 \mathrm{~m} / \mathrm{s}$

Answer
29. The pressure inside two soap bubbles is 1.01 and 1.02 atmosphere respectively. The ratio of their respective volumes is
A. 2
B. 4
C. 6
D. 8

Answer
30. In a certain region of space there are only 5 molecules per $\mathrm{cm}^{3}$ on an average. The temperature there is 3 K . The pressure of this dilute gas is $\left(\mathrm{k}=1.38 \times 10^{-23} \mathrm{~J} / \mathrm{K}\right)$
A. $20.7 \times 10^{-17} \mathrm{~N} / \mathrm{m}^{2}$
B. $15.3 \times 10^{-15} \mathrm{~N} / \mathrm{m}^{2}$
C. $2.3 \times 10^{-10} \mathrm{~N} / \mathrm{m}^{2}$
D. $5.3 \times 10^{-5} \mathrm{~N} / \mathrm{m}^{2}$

Answer
31. A simple pendulum has a time period $T$ when on the earth's surface and $T_{2}$ when taken to a height $2 R$ above the earth's surface where $R$ is the radius ofthe earth. The value of $\left(T_{1} / T_{2}\right)$ is
A. 19

60 cm of mercury. If its reading at an unknown temperature is 100 cm of mercury column, then the temperature is
A. $100^{\circ} \mathrm{C}$
B. $50^{\circ} \mathrm{C}$
C. $25^{\circ} \mathrm{C}$
D. $300^{\circ} \mathrm{C}$

Answer
33. In a cubic unit cell of bcc structure, the lattic points (i.e., number of atoms) are
A. 2
B. 6
C. 8
D. 12

Answer
34. A 2 kg copper block is heated to $500^{\circ} \mathrm{C}$ and then it is placed on a large block of ice at $0^{\circ} \mathrm{C}$. If the specific heat capacity of copper is $400 \mathrm{~J} \mathrm{~kg}^{-1} \mathrm{C}^{-1}$ and latent heat of fusion of water is $3.5 \times 10^{5} \mathrm{~J}$ $\mathrm{kg}^{-1}$ the amount of ice that can melt is
A. $7 / 8 \mathrm{~kg}$
B. $7 / 5 \mathrm{~kg}$
C. $8 / 7 \mathrm{~kg}$
D. $5 / 7 \mathrm{~kg}$

Answer
35. Two identical springs, each of spring constant $K$, are connected first series and then in parallel. A mass $M$ is suspended from them. The ratio of the frequencies of vertical oscillations will be
A. $2: 1$
B. $1: 1$
C. 1:2
D. $4: 1$

Answer
36. A solid sphere of volume $V$ and density $\rho$ floats at the interface of two immiscible liquids of densities $\rho_{1}$ and $\rho_{2}$ respectively. If $\rho_{1}<\rho_{2}$, then the ratio of volume of the parts of the sphere in upper and lower liquids is
A. $\rho-\rho 2 \rho 1-\rho$
B. $\rho 2-\rho \rho-\rho 1$
C. $\rho+\rho 1 \rho+\rho 2$

[^0]ARSW. Sihare. Bookmark. Download. Make Notes. Print - Your Favourite Questions. Join www.zigya.com
A. Study, Assignments, Solved Previous Year Papers . Questions and Answers. Free Forever.
B. $0.5 \chi$
C. $2 \chi$
D. $0.09 \chi$

Answer
38. Two identical air core capacitors are connected in series to a voltage source of 15 V . If one of the capacitors is filled with a medium of dielectric constant 4, the new potential across this capacitor is
A. 5 V
B. 8 V
C. 10 V
D. 12 V

Answer
39. In co-axial cable the material used as spacer is
A. teflon (or) polyethylene
B. glass or mica
C. a gaseous medium
D. glass

Answer
40. Two identical cells whether connected in parallel or in series gives the same current when connected to an external resistance $1.5 \Omega$. Find the value of internal resistance of each cell.
A. $1 \Omega$
B. $0.5 \Omega$
C. $1.5 \Omega$
D. zero

Answer
41. Force between two identical charges placed at a distance of $r$ in vacuum is $F$. Now a slab of dielectric of dielectric constant 4 is inserted between these two charges. If the thickness of the slab is r/2, then the force between the charges will become
A. F
B. 35 F
C. 49 F
D. F4

Answer
42. A copper disc of radius 0.1 m is rotated about its centre with $20 \mathrm{rev} / \mathrm{s}$ in a uniform magnetic field of 0.1 T with its plane perpendicular to the field. The emf induced across the radius of the disc is

## A. $\Pi \angle 0$ V

Like.BṢhan@ Bookmark. Download. Make Notes. Print - Your Favourite Questions. Join www.zigya.com

Answetudy, Assignments, Solved Previous Year Papers. Questions and Answers. Free Forever.
43. A magnetised wire of magnetic moment $M$ and length $L$ is bent in the form of a semi circle of radius $r$. The new magnetic moment is
A. M
B. $M 2 \pi$
C. $M \pi$
D. $2 M \pi$

Answer
44. A proton, a deuteron and an alpha particle with the same kinetic energy enter a region of uniform magnetic field $B$ at right angles to the field. The ratio of the radii of their circular paths is
A. 1:1:1
B. $1: 2: 2$
C. $2: 1: 1$
D. $2: 2: 1$

Answer
45. A solenoid 600 mm long has 50 turns on it and is wound on an iron rod of 7.5 mm radius. Find the flux through the solenoid when the current in it is 3 A . The relative permeability of iron is 600
A. 1.66 Wb
B. 1.66 n Wb
C. 1.66 m Wb
D. $1.66 \mu \mathrm{~Wb}$

Answer
46. An electric dipole is placed at an angle of $30^{\circ}$ with an electric field ofintensity $2 \times 10^{5} \mathrm{NC}^{-1}$. It experiences a torque equal to 4 Nm . Calculate the charge on the dipole if the dipole length is 2 cm.
A. 8 mC
B. 4 mC
C. 2 mC
D. $4 \mu \mathrm{C}$

Answer
47. Two identical cells send the same current in $3 \Omega$ resistance, whether connected in series or in parallel. The internal resistance of the cell should be
A. $1 \Omega$
B. $3 \Omega$
C. $12 \Omega$

Like. Share. Bookmark. Download. Make Notes. Print - Your Favourite Questions. Join www.zigya.com
48. Whichtudy Assiqmmentst Solved Previnous Fear Papers. Questions and Answers. Free Forever.
A. In LCR series AC circuit, as the frequency of the source increases, the impedance of the circuit first decreases and then increases
B. If the net reactance of an LCR series AC circuit is same as its resistance, then the current lags behind the voltage by $45^{\circ}$
C. At resonance, the impedance of an $A C$ circuit becomes purely resistive
D. At resonance in LCR series AC circuit, the potential drops across inductor and capacitor are equal m magnitude but opposite in sign

Answer
49. The plot represents the flow of current through a wire at three different times


The ratio of charges flowing through the wire at different times is
A. 2:1:2
B. $1: 3: 3$
C. $1: 1: 1$
D. $2: 3: 4$

Answer
50. A varying magnetic flux linking a coil is given by $\phi$ - Xt2. If at time $t=3 \mathrm{~s}$, the emf induced is 9 $V$, then the value of $X$ is
A. $0.66 \mathrm{~Wb} \mathrm{~s}^{-2}$
B. $1.5 \mathrm{~Wb} \mathrm{~s}^{-2}$
C. $-0.66 \mathrm{~Wb} \mathrm{~s}^{-2}$
D. $-1.5 \mathrm{~Wb} \mathrm{~s}^{-2}$

Answer
51. A network of six identical capacitors, each of value $C$, is made as shown in the figure.



| Physics <br> A.JEEL2006 <br> B. 3 EH | ZIgyo |
| :---: | :---: | | Exam Year |
| :---: |
| 2006 |

Stugdy/2Assignments, Solved Previous Year Papers. Questions and Answers. Free Forever.
D. 3C

Answer
52. The amplitude of the sinusoidially oscillating electric field of a plane wave is $60 \mathrm{~V} / \mathrm{m}$. Then the amplitude of magnetic field is
A. $2 \times 10^{2} \mathrm{~T}$
B. $6 \times 10^{7} \mathrm{~T}$
C. $6 \times 10^{2} \mathrm{~T}$
D. $2 \times 10^{-7} \mathrm{~T}$

Answer
53. The ratio of the resistance of conductor at temperature $15^{\circ} \mathrm{C}$ to its resistance at temperature $37.5^{\circ} \mathrm{C}$ is $4: 5$. The temperature coefficient of resistance the conductor is
A. $125^{\circ} \mathrm{C}-1$
B. $150^{\circ} \mathrm{C}-1$
C. $180^{\circ} \mathrm{C}-1$
D. $175^{\circ} \mathrm{C}-1$

Answer
54. Find the potential at the centre of a square of side 2 m which carries at its four corners charges $q_{1}=3 \times 10^{-6} \mathrm{C}, \mathrm{q}_{2}=-3 \times 10^{-6} \mathrm{C}, \mathrm{q}_{3}=-4 \times 10^{-6} \mathrm{C}, \mathrm{q}_{4}=7 \times 10^{-6} \mathrm{C}$
A. $2.7 \times 10^{4} \mathrm{~V}$
B. $1.5 \times 10^{3} \mathrm{~V}$
C. $3 \times 10^{2} \mathrm{~V}$
D. $5 \times 10^{3} \mathrm{~V}$

Answer
55. A short solenoid of length 4 cm , radius 2 cm and 100 turns is placed inside and on the axis of a long solenoid of length 80 cm and 1500 turns. A current of 3 A flows through the short solenoid. The mutual inductance of two solenoids is
A. $2.96 \times 10^{-4} \mathrm{H}$
B. $5.3 \times 10^{-5} \mathrm{H}$
C. $3.52 \times 10^{-3} \mathrm{H}$
D. $8.3 \times 10^{-5} \mathrm{H}$

Answer

Studny, Assignments, Solved Previous Year Papers . Questions and Answers. Free Forever.
D. 90

## Answer

57. The range of frequencies allotted for FM radio is
A. 88 to 108 kHz
B. 88 to 108 MHz
C. 47 to 230 kHz
D. 47 to 230 MHz

## Answer

58. The binding energy per nucleon for deuteron and helium are 1.1 MeV and 7.0 MeV . The energy released when two deuterons fuse to form a helium nucleus is
A. 23.6 MeV
B. 2.2 MeV
C. 30.2 MeV
D. 3.6 MeV

Answer
59. The surface area ofa black body is $5 \times 10^{-4} \mathrm{~m}^{2}$ and its temperature is $727^{\circ} \mathrm{C}$. The energy radiated by it per minute is ( $\sigma=5.67 \times 10^{-8} \mathrm{~J} / \mathrm{m}^{2} \mathrm{~s}-\mathrm{k}^{4}$ )
A. $1.7 \times 10^{3} \mathrm{~J}$
B. $2.5 \times 10^{2} \mathrm{~J}$
C. $8 \times 10^{3} \mathrm{~J}$
D. $3 \times 10^{4} \mathrm{~J}$

Answer
60. The inputs and outputs for different time intervals are given below the NAND gate

| Time | Input $A$ | Input $B$ | Output $Y$ |
| :---: | :---: | :---: | :---: |
| $t_{1}$ to $t_{2}$ | 0 | 1 | $P$ |
| $t_{2}$ to $t_{3}$ | 0 | 0 | $Q$ |
| $t_{3}$ to $t_{4}$ | 1 | 0 | $R$ |
| $t_{4}$ to $t_{5}$ | 1 | 1 | $S$ |

The values taken by P, Q, R, S are respectively
A. $1,1,1,0$
B. $0,1,0,1$
C. $0,1,0,0$
found to be twice the amyle of refractlon. Then the angle of incidenceis
A. .udys-Assignments, Solved Previous Year Papers. Questions and Answers. Free Forever.
B. $2 \cos -1 \mu 2$
C. $2 \sin -1 \mu$
D. $2 \sin -1 \mu 2$

Answer
62. If $\alpha$ and $\beta$ are the current gain in the $C B$ and $C E$ configurations respectively of the transistor circuit, then $\beta-\alpha \alpha \beta$
A. infinite
B. 1
C. 2
D. 0.5

Answer
63. The apparent frequency of the whistle of an engine changes in the ratio $9: 8$ as the engine passes a stationary observer. If the velocity of the sound is $340 \mathrm{~ms}^{-1}$, then the velocity of the engine is
A. $40 \mathrm{~ms}^{-1}$
B. $20 \mathrm{~ms}^{-1}$
C. $340 \mathrm{~ms}^{-1}$
D. $180 \mathrm{~ms}^{-1}$ Answer
64. The width of a single slit if the first minimum is observed at an angle $2^{\circ}$ with a light of wavelength 6980 A。
A. 0.2 mm
B. $2 \times 10^{-5} \mathrm{~mm}$
C. $2 \times 10^{5} \mathrm{~mm}$
D. 2 mm

Answer
65. A silicon specimen is made into a p-type semiconductor by doping, on an average, one indium atom per $5 \times 10^{7}$ silicon atoms. If the number density of atoms in the silicon specimen is $5 \times$ $10^{28}$ atom $/ \mathrm{m}^{3}$, then the number of acceptor atoms in silicon per cubic centimetre will be
A. $2.5 \times 10^{30}$ atom $/ \mathrm{cm}^{3}$
B. $2.5 \times 10^{35} \mathrm{atom} / \mathrm{cm}^{3}$
C. $1 \times 10^{13}$ atom $/ \mathrm{cm}^{3}$
D. $1 \times 10^{15}$ atom $/ \mathrm{cm}^{3}$

Like. Share. Bookmark. Download. Make Notes. Print - Your Favourite Questions. Join www.zigya.com
66. In व phrotoetectric र्efect medsurement, the stopping potential fo

metal then the stopping potential (in volt) will be
A. V02
B. $2 \mathrm{~V}_{0}$
C. $V 0+h c 2$ e $\lambda 0$
D. Vo -hc2 e $\lambda 0$

Answer
67. In artificial radioactivity, $1.414 \times 10^{6}$ nuclei are disintegrated into $10^{6}$ nuclei in 10 min . The halflife in minutes must be
A. 5
B. 20
C. 15
D. 30

Answer
68. If $\varepsilon_{0}$ and $\mu_{0}$ are the electric permittivity and magnetic permeability of free space and $\varepsilon$ and $\mu$ are the corresponding quantities in the medium, the index of refraction of the medium in terms of above parameter is
A. $\varepsilon \mu \varepsilon 0 \mu 0$
B. $\varepsilon \mu \varepsilon 0 \mu 01 / 2$
C. $\varepsilon 0 \mu 0 \varepsilon \mu$
D. $\varepsilon 0 \mu 0 \varepsilon \mu 1 / 2$

Answer
69. A light ray of 5895 A。 wavelength travelling in vacuum enters a medium of refractive index 1.5. The speed of light $m$ the medium is
A. $3 \times 10^{8} \mathrm{~m} / \mathrm{s}$
B. $2 \times 10^{8} \mathrm{~m} / \mathrm{s}$
C. $1.5 \times 10^{8} \mathrm{~m} / \mathrm{s}$
D. $6 \times 10^{8} \mathrm{~m} / \mathrm{s}$

Answer
70. The half-life of radon is 3.8 days. How many radon will be left out of 1024 mg after 38 days
A. 1 mg
B. 2 mg
C. 3 mg
D. 4 mg

A. $49 \times 10^{3}$

Study, Assignments, Solved Previous Year Papers . Questions and Answers. Free Forever.
C. $1.5 \times 10^{2}$
D. 4.9

Answer
72. The plane faces of two identical plano-convex lenses each having a focal length of 50 cm are placed against each other to form a usual biconvex lens. The distance from this lens combination at which an object must be placed to obtain a real, inverted image which has the same size as the object is
A. 50 cm
B. 25 cm
C. 100 cm
D. 40 cm

Answer


[^0]:    $D \quad 0+020+01$

