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India's Number 1 Education App

## PHYSICS

## BOOKS - CAREER POINT

## MOCK TEST 6

Part A Pysics

1. The current (I) and voltage (V) graphs for a given metallic wire at two different temperature $\left(T_{1}\right)$ and $\left(T_{2}\right)$ are shown in fig. It
is concluded that

A. $T_{1}<T_{2}$
B. $T_{1}>T_{2}$
C. $T_{1}=T_{2}$
D. $T_{1}=2 T_{2}$

Answer: B

## - Watch Video Solution

## Part A Physics

1. The potential difference through the $3 \omega$
resitor shown in figure is -

A. zero
B. 1V
C. 3.5 V
D. 7 V

Answer: A

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2. The equation for a wave travelling in $x$ direction on a string is :

$$
y=(3 c m) \sin \left[\left(\pi c m^{-1}\right) x-(314) s^{-1} t\right]
$$

Then find acceleration of a particle at $x=6$

## cm at $t=0.11 \mathrm{sec}-$

A. $2952 \mathrm{~cm} / \mathrm{s}^{2}$
B. $5904 \mathrm{~cm} / \mathrm{s}^{2}$
C. $2952 m / s^{2}$
D. zero

Answer: D
( Watch Video Solution
3. A source and a detector moveaway fro each other, each with a speed of $10 \mathrm{~ms}^{-1}$ with respect to the grond with no wind. If the detector detects a frequency 1950 Hz of the sound coming from thesorce, what is the original frequency of the source? Speed of sound in air $=340 \mathrm{~ms}^{-1}$.
A. 2070 Hz
B. 2000 Hz
C. 3000 Hz
D. None of these

Answer: A
(D) Watch Video Solution
4. the magnetic field shown in the figure consist of the two magnetic fields.


If $v$ is the velocity just required for a charge particles of mass $m$ and charge $q$ to pass through the magnetic field. Particle is projected with velocity ' $v$ ' then how much time does such a charge spend in the magntic filed-

$$
\begin{aligned}
& \text { A. } \frac{\pi m}{2 q B} \\
& \text { B. } \frac{\pi m}{q B} \\
& \text { C. } \frac{\pi m}{4 q B} \\
& \text { D. } \frac{3 \pi m}{2 q B}
\end{aligned}
$$

Answer: B
5. Points $A$ and $B$ are situated perpendicular to the axis of a 2 cm long bar magnet at large distances $X$ and $3 X$ from its centre on opposite sides. The retio of the magnetic fields
at $A$ and $B$ wil be approximately equal to
A. $27: 1$
B. $1: 27$
C. 9:1
D. 1:9

Answer: A

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6. Consider the situation shown in the figure. If
the current $I$ in the long straight conducting
wire $X Y$ is increased at a steady rate then the
induced $e . m$. f.'s in loop $A$ and $B$ will be

A. clockwise in $A$, anticlockwise in $B$
B. anticlockwise in A, clockwise in B
C. clockwise in both A and B
D. anticlockwise in both A and B

Answer: A

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## 7. The reading of the ammeter and voltmeters

are (Both the instruments are ac meters and
measures rms value)-

A. $2 A, 110 \mathrm{~V}$
B. $2 \mathrm{~A}, 0 \mathrm{~V}$
C. $2 A, 55 V$
D. $1 \mathrm{~A}, 0 \mathrm{~V}$

Answer: B

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8. The correct curve between fringe width $\beta$
and distance between the slits (d) is figure is -



Answer: B

## D Watch Video Solution

9. Plane microwaves are incident on a long slit
having a width of 5.0 cm . Calculate the wavelength of the microwaves if the first diffraction minimum is formed at $\theta=30^{\circ}$.
A. 2.5 cm
B. 2 cm
C. 25 cm
D. 2 mm

Answer: A
10. Two particles are executing SHM in a straight line. Amplitude A and the time period

T of both the particles are equal. At time $t=0$, one particle is at displacement $x_{1}=+A$ and the other $x_{2}=\left(-\frac{A}{2}\right)$ and they are approaching towards each other. After what time they across each other? $\frac{T}{4}$
A. $T / 3$
B. $T / 4$

## C. $5 T / 6$

D. $T / 6$

## Answer: D

## D Watch Video Solution

11. $A$ and $B$ are two soap bubbles. Bubble $A$ is
larger than B. If these are now joined by a tube then
A. the bubble A becomes more large
B. the bubble B becomes more large
C. both the bubbles acquires the same size
D. both the bubbles will get bursted

## Answer: A

## D Watch Video Solution

12. An ideal gas is initially at temperature $T$ and volume V . Its volume is increased by $\Delta V$ due to an increase in temperature $\Delta T$,
pressure remaining constant. The quantity
$\delta=\frac{\Delta V}{V \Delta T}$ varies with temperature as

c.
(3)

D.


## Answer: C

## D Watch Video Solution

13. For an ideal gas, the heat capacity at constant pressure is larger than that at constant volume because
A. work has to be done against intermolecular forces as the gas expands
B. work has to be done against external
pressure as the gas expands
C. the molecules gain rotational kinetic energy as the gas expands

D. the molecules move faster when best is

supplied at constant pressure than
when supplied at constant volume

Answer: B

## - Watch Video Solution

14. A body X at an original temperature $100^{\circ} \mathrm{C}$
and another body at an original temperature
$0^{\circ} C$ and placed in an evacuated conclosure,
the walls of which are maintained at $10^{\circ} \mathrm{C}$.
Which one of the following statement is consistent with Prevost's theory ?
A. $X$ emits but does not absorb heat
B. $Y$ absorb but does not emit heat
C. The final temperature of the bodies will
be the mean of their initial temperature
(i.e., $50^{\circ} C$ )
D. The walls of the enclosure radiate heat to both X and Y

## Answer: C

## D View Text Solution

15. Maximum kinetic energy of a photoelectron is E when the wavelength of incident light is $\lambda$.

If energy becomes four times when
wavelength is reduced to one third, then work
function of the metal is
A. $\frac{3 h c}{\lambda}$
B. $\frac{h c}{3 \lambda}$
C. $\frac{h c}{\lambda}$
D. $\frac{h c}{2 \lambda}$

Answer: B

D Watch Video Solution
16. In an excited state of hydrogen like atom an electron has total energy of $-3.4 e V$. If the kinetic energy of the electron is $E$ and its deBroglie wavelength is $\lambda$, then
A. $\lambda=6.6 \AA$
B. $E=3.4 e V$
C. both are correct
D. both are wrong

Answer: C
17. Consider the nuclear fission reaction
$W \rightarrow X+Y$. What is the $Q-$ value (energy
released) of the reaction?

A. $E_{1} N_{1}-\left(E_{2} N_{2}+E_{3} N_{3}\right)$
B. $\left(E_{2} N_{2}+E_{3} N_{3}-E_{1} N_{1}\right)$
C. $E_{2} N_{2}+E_{1} N_{1}-E_{3} N_{3}$
D. $E_{1} N_{1}+E_{3} N_{3}-E_{2} N_{2}$

Answer: B

## D Watch Video Solution

18. Two identical samples (same material and same amout) $P$ and $Q$ of a radioactive substance having mean life $T$ are observed to have activities $A_{P}$ and $A_{Q}$ respectively at the
time of observation. If $P$ is older than $Q$, then
the difference in their age is

$$
\begin{aligned}
& \text { A. } T \ln \left(\frac{A_{P}}{A_{Q}}\right) \\
& \text { В. } T \ln \left(\frac{A_{Q}}{A_{P}}\right) \\
& \text { С. } T\left(\frac{A_{P}}{A_{Q}}\right) \\
& \text { D. } T\left(\frac{A_{Q}}{A_{P}}\right)
\end{aligned}
$$

Answer: B

## D Watch Video Solution

19. Two capacitors $C_{1}$ and $C_{2}$ are connected in
a circuit as shown in figure. The potential difference $\left(V_{A}-V_{B}\right)$ is

A. 8 V
B. -8 V
C. 12 V
D. -12 V

Answer: B

## D Watch Video Solution

20. A charged sphere of diameter 4 cm has a charge density of $10^{-4}$ coulmb $/ \mathrm{cm}^{2}$. The work done in joule when a charge of 40 nanocolumbs is moved from infinity to a point which is at a distance of 2 cm from the surface of the sphere is-
A. $14.4 \pi$
B. $28.8 \pi$
C. $144 \pi$
D. $288 \pi$

Answer: A

## D Watch Video Solution

21. A person measures two quantities as
$A=1.0 m \pm 0.2 m, B=2.0 m \pm 0.2 m \quad$ We should report correct value for $\sqrt{A B}$ as
A. $1.4 m \pm 0.4 m$
B. $1.11 m \pm 0.15 m$
C. $1.4 m \pm 0.3 m$
D. $1.4 m \pm 0.2 m$

## Answer: D

## D Watch Video Solution

22. A river is flowing due east with a speed
$3 \mathrm{~m} / \mathrm{s}$. A wimmer can swim in still water at a
speed of $4 m / s$. If swimmer starts swimming
due north, what will be his resultant velocity
(magnitude and direction) ?

A. $5 \mathrm{~m} / \mathrm{s}$ at $37^{\circ}$ to $N$
B. $5 \mathrm{~m} / \mathrm{s}$ at $53^{\circ}$ to $N$
C. $10 \mathrm{~m} / \mathrm{s}$ at $37^{\circ}$ to $N$
D. None of these

Answer: A

## D Watch Video Solution

23. $A$ friction wire $A B$ is fixed on a sphere of
radius R. A very small spherical ball slips on
this wire. The time taken by the ball to slip
from $A$ to $B$.

A. $\frac{2 \sqrt{g R}}{g \cos \theta}$
B. $2 \sqrt{g R} \frac{\cos \theta}{g}$
C. $2 \sqrt{\frac{R}{g}}$
D. $\frac{g R}{\sqrt{g \cos \theta}}$

## Answer: C

## D Watch Video Solution

24. A particle of mass 1 kg is moving along the
line $y=x+2$ (here x and y are in metres)
with speed $2 m / s$. The magnitude of angular momentum of paticle about origin is -
A. $4 k g-m^{2} / s$
B. $2 \sqrt{2} k g-m^{2} / s$
C. $4 \sqrt{2} k g-m^{2} / s$

$$
\text { D. } 2 k g-m^{2} / s
$$

## Answer: B

## D Watch Video Solution

25. A loop of radius 3 meter and weighs 150 kg .

It rolls along a horizontal floor so that its centre of mass has a speed of $15 \mathrm{~cm} / \mathrm{sec}$. How much work has to be done to stop it -
A. 3.375 J
B. 7.375 J
C. 5.375 J
D. 9.375 J

## Answer: A

## D Watch Video Solution

26. If two bodies of mass $M$ and $m$ are revolving around the centre of mass of the system in circular orbits of radii $r$ and $r$
respectively due to mutual interaction. Which of the following formulee is applicable?

$$
\begin{aligned}
& \text { A. } \frac{G M m}{(R+r)^{2}}=m \omega^{2} r \\
& \text { B. } \frac{G M m}{R^{2}}=m \omega^{2} r \\
& \text { C. } \frac{G M m}{r^{2}}=m \omega^{2} R \\
& \text { D. } \frac{G M m}{R^{2}+r^{2}}=m \omega^{2} r
\end{aligned}
$$

## Answer: A

27. Wedge $B$ is pulled by an acceleration $2 g$ towards left. Find the acceleration of block A-

A. $g \sin 30^{\circ}+2 g \cos 30^{\circ}$
B. $g$ downwards
C. $2 g$ towards right
D. $g \sqrt{5}$

Answer: B

## - Watch Video Solution

28. A block A of mass 2 kg is connected with two springs, as shown. The spring constant of lower spring is system is thrice the spring costant of upper spring. The system is released from rest with both the springs unstreched. The maximum displacement of bloack is 0.1 m . Find the acceleration of the

## block is its lowest position-


A. $6.5 m / s^{2}$
B. $7.5 m / s^{2}$
C. $10 m / s^{2}$
D. $8 m / s^{2}$

## Answer: C

## D View Text Solution

## 29. In perfectly inelastic collision the relative

velocity of the bodies
A. before impact is zero
B. before impact is equal to that after impact
C. after impact is zero
D. None of these

Answer: C
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## Part B Chemistry

1. Which of the following does not produce any gaseous product when reacts with water ?
A. $C a_{3} N_{2}$
B. $C a C_{2}$
C. CaO
D. $C a_{3} P_{2}$

Answer: C

D View Text Solution
2. A mixture of salt reach with conc. $\mathrm{H}_{2} \mathrm{SO}_{4}$ to
give Reddish-Brown coloured gas. Which Pass
in water then water become coloured then the
radical jis -
A. Nitrate
B. Bromide
C. Acetate
D. None of these

Answer: B
3. The relative rates of effusion of $\mathrm{O}_{2}$ to $\mathrm{CH}_{4}$ through a containe containing $\mathrm{O}_{2}$ and $\mathrm{CH}_{4}$ in
$3: 2$ mass ratio will be-
A. $\frac{3 \sqrt{2}}{4}$
B. $\frac{3}{4 \sqrt{2}}$
C. $\frac{3}{2 \sqrt{2}}$
D. None of these

Answer: B
4. The standard EMF for the given cell reaction
$\mathrm{Zn}+\mathrm{Cu}^{2+} \rightarrow \mathrm{Cu}+\mathrm{Zn}^{2+}$ is 1.10 V at $25^{\circ} \mathrm{C}$
. The EMF for the cell reaction, when $0.1 M C u^{2+}$ and $0.1 M Z n^{2+}$ solutions are used, at $25^{\circ} \mathrm{C}$ is -
A. 1.10 V
B. 0.110 V
C. -1.10 V
D. -0.110 V

## D View Text Solution

5. The percentage of an element $M$ is 53 in its oxide of molecular formula $\mathrm{M}_{2} \mathrm{O}_{3}$. Its atomic mass is about -
A. 45
B. 9
C. 18
D. 27

## Answer: D

## D View Text Solution

6. What type of crystal defect is indicated in the diagram given below :
$N a^{+}$
$C l^{-}$
$N a^{+}$
$\mathrm{Cl}^{-}$
$N a^{+}$
$C l^{-}$
$\mathrm{Cl}^{-} \quad \square \quad \mathrm{Cl}^{-} \quad \mathrm{Na}^{+} \quad \square \quad \mathrm{Cl}^{-}$
$N a^{+}$
$C l^{-}$$\mathrm{Cl}^{-}$
$N a^{+}$
$\mathrm{Cl}^{-}$
$\mathrm{Cl}^{-}$
$\mathrm{Na}^{+}$
$\mathrm{Cl}^{-}$
$N a^{+}$ $\square$ $N^{+}$
A. Frenkel and Schottky defects
B. Schottky defect
C. Interstitial defect
D. Frenkel defect

Answer: B

## D Watch Video Solution

## 7. The final product obtained in the reaction


A.
(1) $\mathrm{CH}_{3}-\mathrm{O}-\mathrm{OH}$
B. ${ }^{(2)} \mathrm{CH}_{3}-\mathrm{O}-\mathrm{Br}$
C. ${ }^{(3)} \mathrm{CH}-(\mathrm{O})-\mathrm{O}-(\mathrm{O})-\mathrm{CH}$

## D. None of these

## Answer: A

## D View Text Solution

8. Two alkenes, $X(91 \%$ yield $)$ and $Y(9 \%$
yield) are formed when the following compound is heated


The structure of $X$ and $Y$, respectively are -
A. ${ }^{(1)}$

B. ${ }^{(2)}$

C. ${ }^{(3)}$

D.


## Answer: C

## D View Text Solution

9. Which one of the following platinum complex is used in cancer chemotherapy?
A. $C i s-\left[\mathrm{PtCl}_{2}\left(\mathrm{NH}_{3}\right)_{2}\right]$
B. trans- $\left[\mathrm{PtCl}_{2}\left(\mathrm{NH}_{3}\right)_{2}\right]$
C. $\left[\operatorname{Pt}\left(\mathrm{NH}_{3}\right)_{4}\right]$
D. $\left[\mathrm{PtCl}_{4}\right]^{-2}$

Answer: A

## D View Text Solution

10. 

Complex
compound
$\left[C r(N C S)\left(\mathrm{NH}_{3}\right)_{5}\right]\left[\mathrm{ZnCl}_{4}\right]$ will be -
A. diamaganetic and shows linkage isomerism
B. colourless and diamagnetic
C. green coloured and diamagnetic
D. green coloured and shows co-ordination
isomerism.

Answer: D

D View Text Solution

# $\mathrm{MnO}_{2}+\mathrm{KOH}+\mathrm{O}_{2} \rightarrow \quad \mathrm{~A}+\mathrm{H}_{2} \mathrm{O}$ <br> ( green) 

11. 

$$
A+C l_{2} \rightarrow \underset{(\text { purple })}{B}+K C l
$$

Select correct statement:-
A. compound $B$ is cloured due to change transfer and it is paramagnetic in nature.
B. Compound B is $\mathrm{KMnO}_{4}$. Tjere is no
unvaried $e^{-}$in Mn
C. Compound A is $\mathrm{K}_{2} \mathrm{MnO}_{4}, \mathrm{~K}_{2} \mathrm{MnO}_{4}$ has
tetrahedral shape.
D. $\mathrm{KMnO}_{4}$ acts as oxidising agent. In acidic medium it form $M n^{+2}$

Answer: A

## D View Text Solution

12. Incorrect order of boiling point is -
A. $\mathrm{HF}>\mathrm{HI}>\mathrm{HBr}>\mathrm{HCl}$
B. $\mathrm{H}_{2} \mathrm{O}>\mathrm{H}_{2} \mathrm{Te}>\mathrm{H}_{2} \mathrm{Se}>\mathrm{H}_{2} \mathrm{~S}$
C. $B r_{2}>C l_{2}>F_{2}$

D. $\mathrm{CH}_{4}>\mathrm{GeH}_{4}>\mathrm{SiH}_{4}$

## Answer: D

## D View Text Solution

13. The electron affinity of the following element can be arranged -
A. $C l>O>N>C$
B. $C l>O>C>N$
C. $C l>N>C>O$
D. $C l>C>O>N$

Answer: B

## D View Text Solution


(A) would be -

(1)

Me
(2)
B.




Answer: B

D View Text Solution
15. Which of the following statement are incorrect about phenol-formaldehyde resin ?
A. Novolac or resol is a linear polymer and
is used in the manufacture of adhesive
B. Bakelite is a cross-linked polymer and is
used in making switches and plugs
C. Novalac is perpared when $(P / F)$
(phenol/formaldehyde) ratio if greater
than 1, wheares bakehte is perpared
when $(P / F)$ ratio is less than 1
D. Novolac is prepared when $P / F<1$,
and bakelite is prepared when $P / F>1$

Answer: D

D View Text Solution


Product formed in above reaction is -
(1)

A.
(3)

C.

0
(4)


## Answer: B

## D View Text Solution

17. Which of the following statement is not
true for detergants?
A. Sodium lauryl-sulphate is anionic detergent
B. Cetyl-trimethyl ammonium bromide is
cationic detergent
C. Poly ethylene glycol stearate is nenionic detergent
D. None of these

Answer: D

D View Text Solution
18. The incorrect structure of glucine at given pH are-

$$
\begin{aligned}
& \text { A. } H_{2} \stackrel{\oplus}{N} C H_{2}-\underset{O}{C}-O H \text { at } p H=2.0 \\
& \text { B. } H_{2} \stackrel{\oplus}{N} C H_{2}-\underset{\mid}{C}-O^{\ominus} \text { at } p H=6.0 \\
& \text { C. } H_{2} N C H_{2}-\underset{\mid}{C}-O^{\ominus} \text { at } p H=9 \\
& \text { D. } H_{2} N C H_{2}-\underset{\mid}{C}-O H \text { at } p H=12 \\
& \left.\left\lvert\, \begin{array}{l}
O \\
C
\end{array}\right.\right)
\end{aligned}
$$

## Answer: D

19. Which of the following sets of quantum numberrs discribes the elecron which is removed most easily from a potassium atom in its ground state?

$$
\begin{aligned}
& \text { A. } n=3, l=1, m_{l}=1, m_{s}=-\frac{1}{2} \\
& \text { B. } n=2, l=1, m_{l}=0, m_{s}=-\frac{1}{2} \\
& \text { C. } n=4, l=0, m_{l}=1, m_{s}=+\frac{1}{2} \\
& \text { D. } n=4, l=0, m_{l}=0, m_{s}=+\frac{1}{2}
\end{aligned}
$$

## Answer: D

20. An aqueous solution of ethanol has density $1.025 \frac{g}{m} L$ and it is 2 M . What is the molality of this solution?
А. 1.79
B. 2.143
C. 1.951
D. None of these

Answer: B
21. Select correct adsorption isobars for chemisorption and physisorption respectively :
(where $\frac{x}{m}=$ extent of adorption, $T=$ temperature )

B.
(2) $\frac{x}{m} \underbrace{}_{T}$ $\frac{\mathrm{x}}{\mathrm{m}} \underbrace{}_{\mathrm{T}}$
$C$
(3) $\frac{x}{m} \underbrace{}_{T}$, $\frac{\mathrm{x}}{\mathrm{m}} \underbrace{\square}_{\mathrm{T}}$
$D$
(4) $\frac{x}{m} \underbrace{T}_{T}$

$$
\frac{\mathrm{x}}{\mathrm{~m}} \frac{\mathrm{~T}}{\mathrm{~T}}
$$

## Answer: C

## D View Text Solution

22. Which of the following is involved in the extraction of Ag from argentite ?
A. $\left[\mathrm{Ag}\left(\mathrm{NH}_{3}\right)_{2}\right]^{+}$
B. $\left[A g(S C N)_{4}\right]^{3+}$
C. $\left[A g(C N)_{2}\right]^{-}$
D. $\left[\mathrm{AgCl}_{2}\right]^{-}$

## Answer: C

## - View Text Solution


23.
A. Diastereomers

## B. Enantiomers

## C. Tautomers

## D. Conformers

## Answer: A

## D View Text Solution

24. In which of the following $2^{n d}$ anion is more
stable than first?
A. $\mathrm{O}_{2} \mathrm{~N}-\stackrel{\ominus}{\mathrm{C}} \mathrm{H}_{2}$ and $\mathrm{F}-\mathrm{CH}_{2}$
B. $\stackrel{\ominus}{C} F_{3}$ and $\stackrel{\ominus}{C} C l_{3}$
C. $F_{3} C-\stackrel{\ominus}{C} H_{2}$ and $C l_{3} C-\stackrel{\ominus}{C} H_{2}$

# D. $\mathrm{CH}_{3}-\stackrel{\| \|}{\mathrm{C}}-\stackrel{\ominus}{\mathrm{C}} \mathrm{H}_{2}$ and $\mathrm{H}_{2} \mathrm{~N}-\stackrel{\ominus}{\mathrm{C}} \mathrm{H}_{2}$ 

## Answer: B

## D View Text Solution

25. Find out the product of following reaction:

$X$ and $Y$ are :

$$
\text { A. } \mathrm{Ph}-\stackrel{\stackrel{\|}{C}}{\mathrm{C}}-\stackrel{\ominus}{\mathrm{O}} \text { and } \mathrm{CH}_{3} \mathrm{OH}
$$

B. $\mathrm{Ph}-\mathrm{CH}_{2} \mathrm{OH}$ and $\mathrm{H}-\stackrel{\|}{\mathrm{C}}-\stackrel{\ominus}{\mathrm{O}}$
C. $\mathrm{P}-\mathrm{CH}_{2} \mathrm{OH}$ and $\mathrm{CH}_{3} \mathrm{OH}$


Answer: B

## D View Text Solution


A.
(1) H
(2) $\xrightarrow{\mathrm{O}}$

D. ${ }^{(4)}><$

Answer: B

D View Text Solution

27. $\mathrm{HO}^{-\mathrm{CH}} \longrightarrow_{\mathrm{R}}$

How many molecules of $R M g X$ are consumed in the above given reaction ?
A. 2
B. 4
C. 5
D. 6
28. In a hydrogen atom, the transition takes
place from $n=3$ to $n=2$. If Rydberg constant is $1.097 \times 10^{7} \mathrm{~m}^{-10}$. The wavelength of the emiited radiation is
A. $\frac{36}{5 R_{H}}$
B. $\frac{5 R_{H}}{36}$
C. $\frac{3}{4 R_{H}}$
D. $\frac{4}{3 R_{H}}$

## Answer: A

## D View Text Solution

29. If $30 g$ of a solute of molecular weight 154 is
dissolved in $250 g$ of benzene. What will be the elevation in boiling point -
(Given : $K_{b\left(C_{e} H_{6}\right)}=2.6 \mathrm{KKgmol}^{-1}$ )
A. 3.05
B. 2.05
C. 4.05

## D View Text Solution

30. If $50 \%$ of $C O_{2}$ converts to $C O$ at the following equilibrium :
$\frac{1}{2} C(s)+\frac{1}{2} C O_{2}(g) \Leftrightarrow C O(g)$
and the equilibrium pressure is 12 atm

Calculate $K_{P}$.
A. 4
B. 7.5
C. 1
D. 14

Answer: A

D View Text Solution

