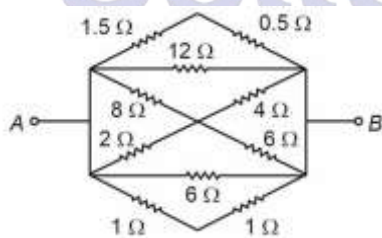


JEE Main 2024 Daily Practice Questions

Ques. A car travels a 4 km distance with a speed of 3 km/h and the next 4 km with a speed of 5 km/h. Find the average speed of the car.

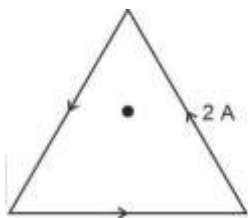
1. $15/2$ km/h
2. $15/4$ km/h
3. 15 km/h
4. 10 km/h

Ques. In the given circuit the resistance between terminals A and B is equal to:



1. $2\ \Omega$
2. $3/2\ \Omega$
3. $2/3\ \Omega$
4. $6\ \Omega$

Ques. A current 2 A is flowing through the sides of an equilateral triangular loop of side $4\sqrt{3}$ m as shown. Find out the magnetic field induction at the centroid of the triangle.

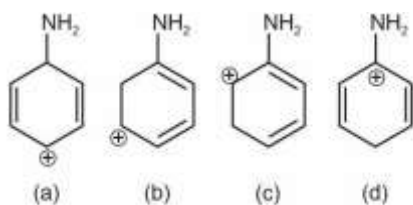


Chemistry

Ques. Maximum number of e^- in $n=4$ shell:

1. 72
2. 50
3. 16
4. 32

Ques. The correct decreasing order of stability of the following compounds is:



1. $a > b > c > d$
2. $d > b > c > a$
3. $b > d > a > c$
4. $b > a > d > c$

Ques. The volume strength of H_2O_2 solution is 60V, the strength of the solution is _____ g/L. (Round off to the nearest integer)

Mathematics

Ques. Common tangent is drawn to $y^2=16x$ and $x^2+y^2=8$. Find the square of the distance between the point of contact of the common tangent on both curves.

1. 78

2. 72

3. 42

4. 76

Ques. A bag contains 3 same balls and 3 different balls of three different colors. Two balls are drawn randomly with replacement. The probability they have the same color is m . Again four balls are drawn one by one with replacement, then the probability of getting three same balls is n . The value of $m.n$ is:

1. $\frac{3}{49}$

2. $\frac{6}{49}$

3. $\frac{43}{147}$

4. $\frac{8}{81}$

Ques. Two A.P's are given as under

3, 7, 11,

1, 6, 11, 16,

Find the 8th common term that appears in both the series.