

EMSY QUIZ

Sample paper

1. Which of the following alkali metal is highly radioactive ?
a)Francium b)Rubidium c)Caesium d)None of these
2. Which of the following has density greater than water
a)Na b)Rb c)K d)None of these
3. Hydrocarbons are organic compounds with element
a)Both H and C b)Carbon c)Hydrogen d)Oxygen
4. A p-type semiconductor is
a)Positively charged b)Negatively charged
c)Uncharged d)Uncharged at 0 K but charged at higher temp.
5. Temperature coefficient of resistance of semiconductor is
a)Zero b)constant c)Positive d)Negative
6. Name the physical quantity which has the same dimension as $\sqrt{K/MB}$ here K is moment of inertia
a) frequency b) time c) speed d) distance
7. Out of 100 oranges 20% were eaten and 20% of the remaining were spoiled. Find the number of oranges left?
a)16 b)32 c)64 d)128
8. The area bounded by ellipse $(x^2/4) + (y^2/9) = 1$ and its auxiliary circle is.....
a) 2π b) 3π c) 6π d) 9π
9. Who inaugurated the National Workshop on Bamboo Sector Development in New Delhi?
a)PM Narendra Modi b)President Draupadi Murmu c)Agriculture Minister Narendra Singh Tomar
d)Vice President Jagdeep Dhankar
10. In the year 2022, total how many persons have been honored with Padma Awards?
a)128 persons b)18 persons c)4 persons d)34 persons