

H.w for Class - 12A

Date :15\07\2020

Physics

- 1-Define the term electrical conductivity of a metallic wire. Write its SI unit.
- 2-Define the term mobility of charge carriers in a conductor. Write its SI unit.
- 3-Write a relation between current and drift velocity of electrons in a conductor. Use this relation to explain how the resistance of a conductor changes with the rise in temperature
- 4-When electrons drift in a metal from lower to higher potential, does it mean that all the free electrons of the metal are moving in the same direction?

Maths

- (1) Solve questions number 5 and 6 exercise 4.2
- (2) Solve questions number 13 and 14 exercise 4.2
- (3) Solve questions number 3,4,5 exercise 4.3
- (4) What is the Minors and Cofactors explain with example.
- (5) Solve example number 21 and 22 on page number 124 and 125.

English

Design an invitation card for the invitation of a book fair to be held in your school campus, insert necessary details.