

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY
Electronics and Communication Engineering
Electrical Science-1 (15B11EC111)
Tutorial-3

Q1. [CO1] Find the equivalent resistance for given circuit in fig 1.

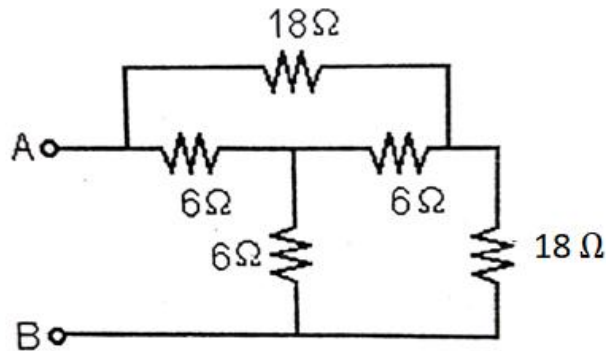


Fig.1

Q2. [CO1] Find the value of voltage measured by voltmeter for given circuit in fig. 2.

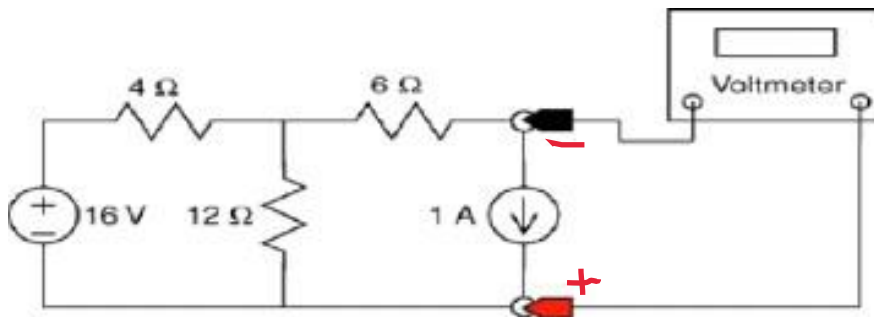


Fig. 2

Q3. [CO1] Find the value of voltage measured by voltmeter for given circuit in fig. 3.

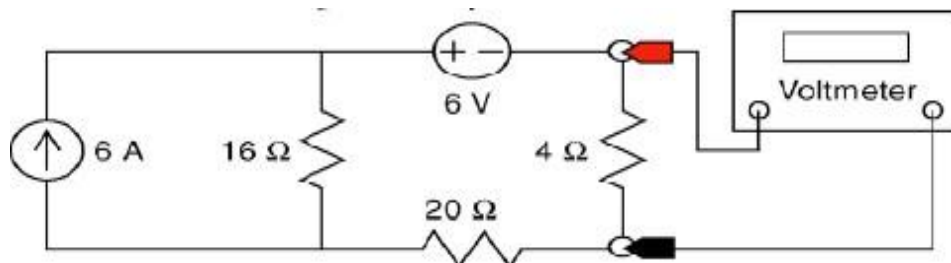


Fig. 3

Q4. [CO1] Determine the current i for the given circuit in fig. 4.

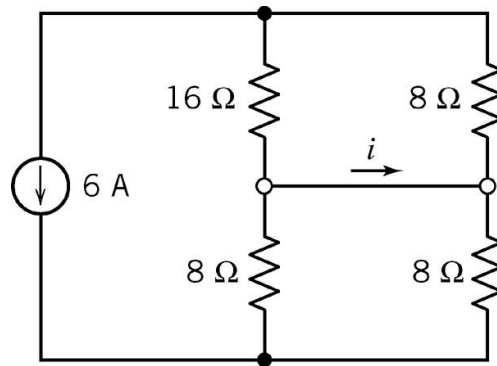


Fig. 4

Fig.1.5

Q5. [CO1] Determine the value of the current i in fig.5.

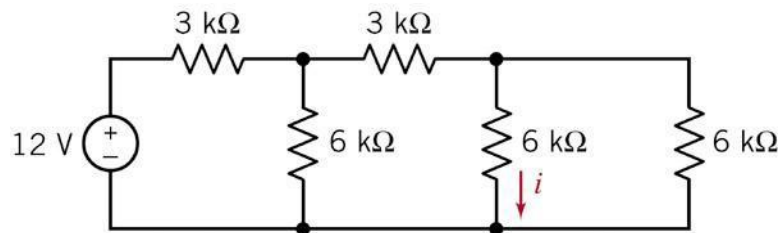


Fig.5