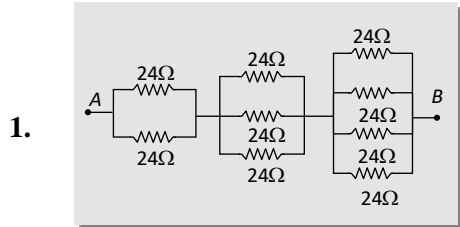


LAKSHYA (JEE)

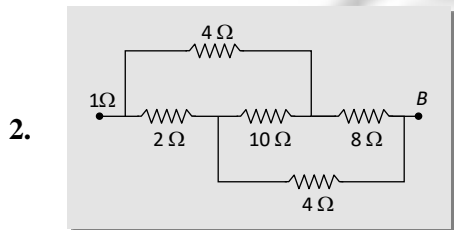
Electrostatic Potential and Capacitance

DPP-12

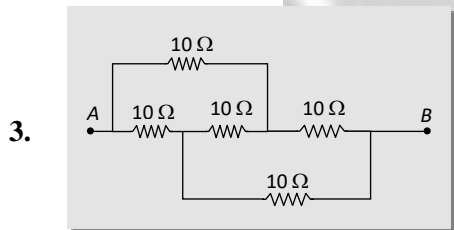
Find equivalent resistance between A and B in the following circuits.



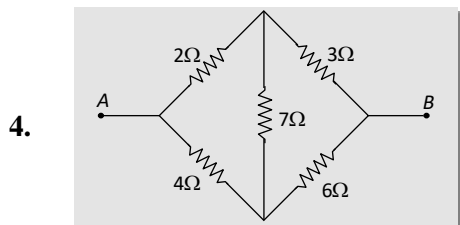
- (A) 21.6Ω (B) $24/3\Omega$
(C) 26Ω (D) 36Ω



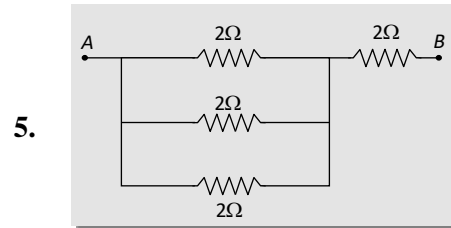
- (A) 2Ω (B) 4Ω
(C) 8Ω (D) 16Ω



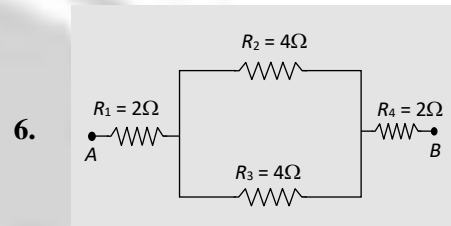
- (A) 10Ω (B) 40Ω
(C) 20Ω (D) $5/2\Omega$



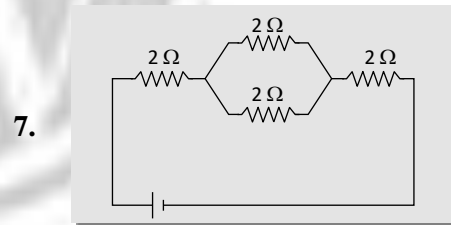
- (A) $\frac{10}{3}\Omega$ (B) $\frac{20}{3}\Omega$
(C) 15Ω (D) 6Ω



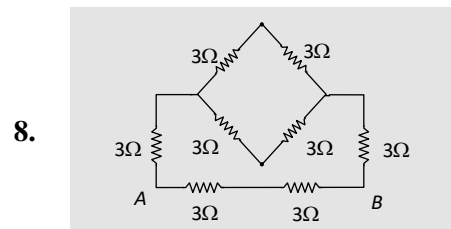
- (A) 2Ω (B) 4Ω
(C) $1\frac{2}{3}\Omega$ (D) $2\frac{2}{3}\Omega$



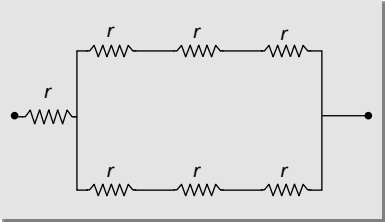
- (A) 8Ω (B) 6Ω
(C) 4Ω (D) 2Ω



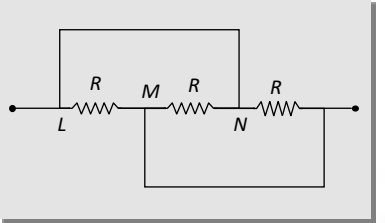
- (A) 8Ω (B) 6Ω
(C) 5Ω (D) 4Ω



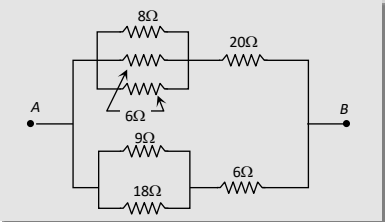
- (A) 2 ohm (B) 18 ohm
(C) 6 ohm (D) 3.6 ohm

9. 

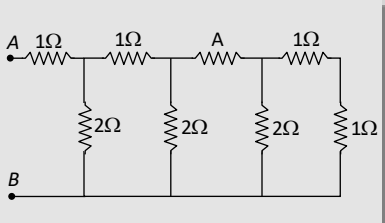
(A) $2r$ (B) $4r$
 (C) $10r$ (D) $5r/2$

10. 

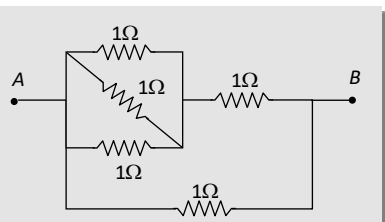
(A) R (B) $2R$
 (C) $R/2$ (D) $R/3$

11. 

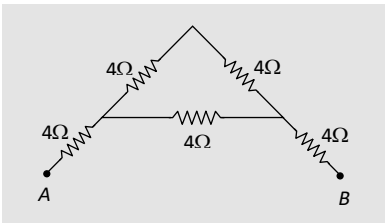
(A) 6 ohm (B) 8 ohm
 (C) 16 ohm (D) 24 ohm

12. 

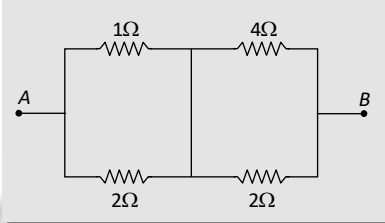
(A) 4Ω (B) 8Ω
 (C) 6Ω (D) 2Ω

13. 

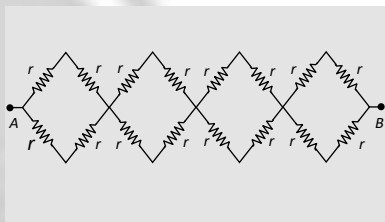
(A) 0.25Ω (B) $4/7\Omega$
 (C) $4/7\Omega$ (D) 1Ω

14. 

(A) 10.6Ω (B) 20Ω
 (C) 16Ω (D) 8Ω

15. 

(A) 1Ω (B) 9Ω
 (C) 2Ω (D) 6Ω

16. 

(A) r (B) $2r$
 (C) $4/3r$ (D) $4r$



ANSWERS

1. (C)
2. (B)
3. (A)
4. (A)
5. (D)
6. (B)
7. (C)
8. (D)
9. (D)
10. (D)
11. (B)
12. (D)
13. (B)
14. (A)
15. (C)
16. (D)



Note - If you have any query/issue

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