

11. An immersion heater of 400 watts kept on for 5 hours will consume electrical power of

- [A.](#) 2KWh [B.](#) 20KWh  
[C.](#) 6KWh [D.](#) 12KWh

**Answer:** Option A

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12. Resistance of a super conductor is

- [A.](#) finite [B.](#) infinite  
[C.](#) zero [D.](#) changes with every conductor

**Answer:** Option c

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13. Resistance of an ideal insulator is

- [A.](#) infinite [B.](#) zero  
[C.](#) finite [D.](#) depends upon nature

**Answer:** Option A

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14. Which one is the best material for making connecting wires?

- [A.](#) iron [B.](#) tungsten  
[C.](#) silver [D.](#) copper

**Answer:** Option D

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15. Reciprocal of resistivity is called

- [A.](#) resistance [B.](#) inductance  
[C.](#) conductivity [D.](#) flexibility

**Answer:** Option c

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16. When 2? 4? and 6? resistor are connected in parallel their resultant equivalent

resistance will be

- [A.](#) 12? [B.](#) 11/12?  
[C.](#) 12/11? [D.](#) data is insufficient

**Answer:** Option c

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17. Circuit which gives continuously varying potential is called

- [A.](#) complex network [B.](#) wheat stone bridge  
[C.](#) potential divider [D.](#) all of above

**Answer:** Option c

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18. Internal resistance is the resistance offered by

- [A.](#) source of e m f [B.](#) conductor  
[C.](#) resistor [D.](#) capacitor

**Answer:** Option A

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19. There are three bulbs of 60W 100W and 200W which bulb has thickest filament.

- [A.](#) 100W [B.](#) 200W  
[C.](#) 60W [D.](#) all

**Answer:** Option B

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20. Three bulbs are rating 40W 60W and 100W designed to work on 220V mains. Which bulb will burn most brightly if they are connected in series across 220 V mains?

- [A.](#) 40 W bulb [B.](#) 60 W blub  
[C.](#) 100 W blub [D.](#) all will burn equally brightly

**Answer:** Option A

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