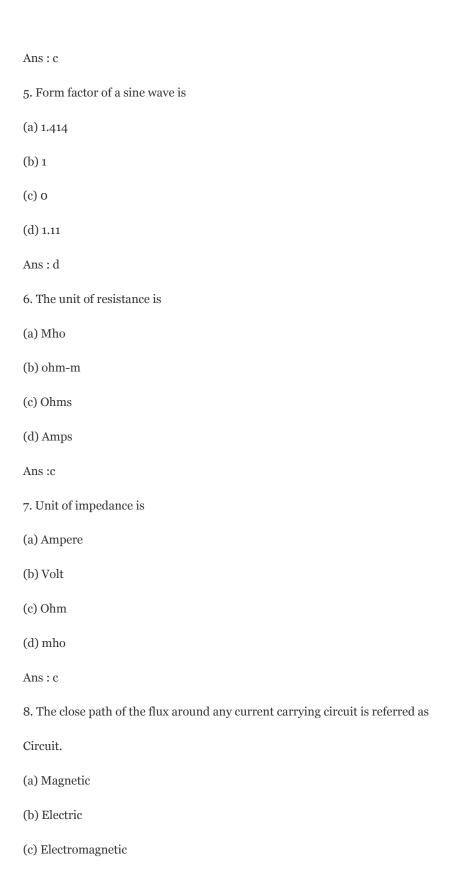
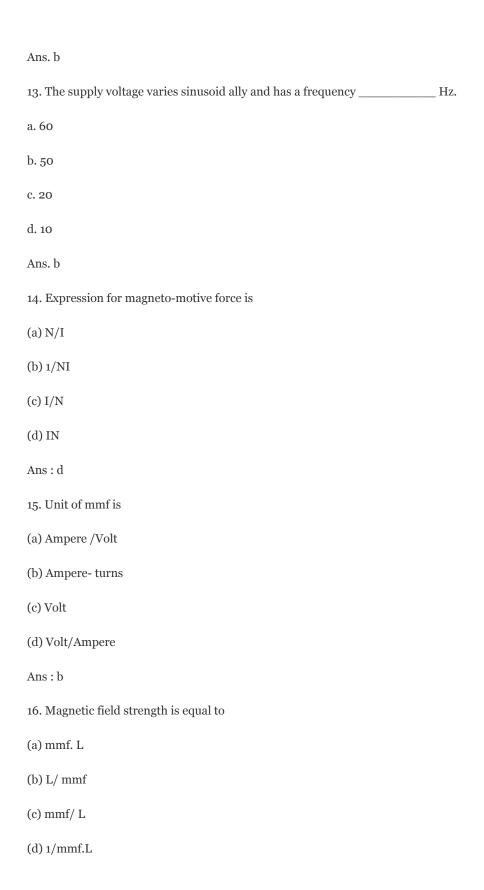
1. A resistance of 10 ohm is connected across a supply of 200V. If resistance R is now connected in parallel with a 10

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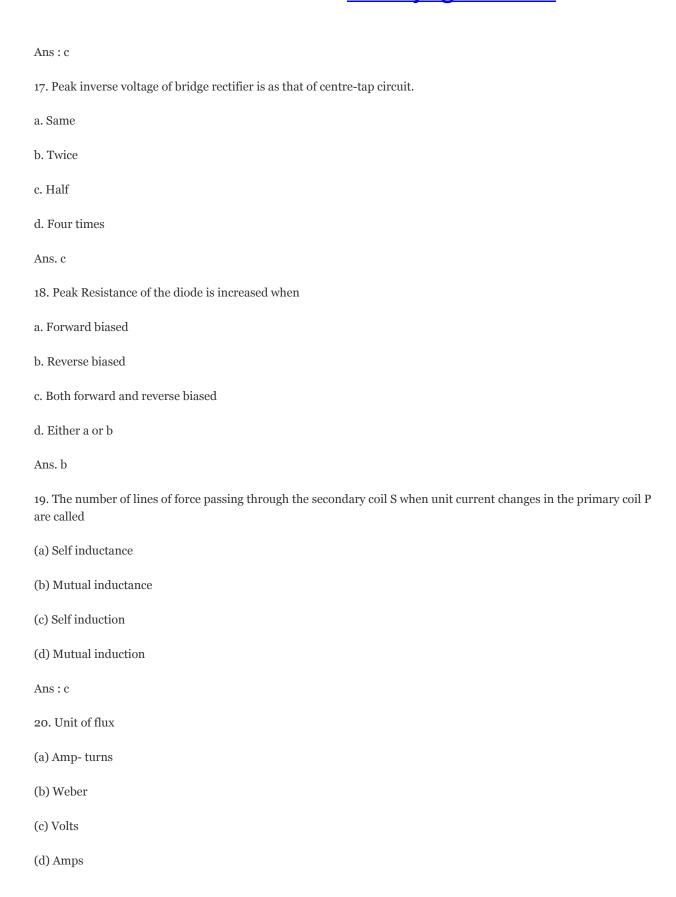
ohm resistance, the current drawn from the supply gets doubled. The value of unknown resistance R is
(a) 5 ohm
(b) 20 ohm
(c) 10 ohm
(d) 15 ohm
Ans: c
2. Kirchhoff's first law is also called as
(a) voltage law
(b) Current law
(c) Mesh Current law
(d) All the above
Ans:b
3. Find the total resistance when four 3 Ohm resistance are connected in series
(a) 3 ohm
(b) 12 ohm
(c) 14 ohm
(d) 8 ohm
Ans:b
4. The practical unit of power is
(a) Joule
(b) Ampere
(c) Watt
(d) Weber



(d) None of these
Ans: a
9. The current flowing in an electrical circuit is due to the existence of
(a) mmf
(b) emf
(c) Resistance
(d) Reluctance
Ans:b
10. The magnetic flux flow through a magnetic circuit is due to
(a) mmf
(b) emf
(c) Resistance
(d) Reluctance
Ans: a
11. The on-line UPS is also called as
a. Stand-by UPS
b. Line Interactive UPS
c. Off line UPS
d. Current line UPS
Ans. b
12 is used to convert alternating current to direct current.
a. Transformer
b. Diode
c. Resistor
d. Transistor



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Ans:b