

[A.](#) transformer

[B.](#) motor

[C.](#) D.C generator

[D.](#) A.C generator

[Answer & Explanation](#)

Answer: Option A

17. The only difference between construction of D.C generator and A.C generator is that of

[A.](#) carbon brushes

[B.](#) coil

[C.](#) commutator

[D.](#) magnetic field

[Answer & Explanation](#)

Answer: Option C

18. A.C and D.C have the same

[A.](#) effect in charging a capacitor

[B.](#) effect in charging a battery

[C.](#) effect while passing through an inductance

[D.](#) heating effect through a resistance

[Answer & Explanation](#)

Answer: Option D

19. If the secondary coil has N_s turns and the primary N_p turns the relation between secondary and primary voltages is given by

[A.](#) $V_s/V_p = N_p/N_s$

[B.](#) $V_s/V_p = N_s/N_p$

[C.](#) $V_p/V_s = N_s/N_p$

[D.](#) $V_p/V_s = N_p/N_s$

[Answer & Explanation](#)

Answer: Option B

20. Power loss in actual transformer is due to

[A.](#) Small output

[B.](#) Eddy currents and magnetic hysteresis

[C.](#) Soft iron core

[D.](#) Back emf

[Answer & Explanation](#)

Answer: Option B

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