

Examrace

Electrical Engineering Practice Impotent Questions Part 6

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63-Second Cauer's form of reactive network synthesis is the successful removal of:

- A. Poles at infinity
- B. Zeros at Infinity
- C. Poles at origin
- D. Zeros at origin

Ans: C. Poles at origin

64-If residual magnetism of a shunt generator is destroyed accidentally, it may be restored by connecting its shunt field:

- A. To earth
- B. To an alternator
- C. To a battery
- D. In reverse

Ans: C. To a battery

65-The lines of force are circular and their direction depends upon the:

- A. Voltage
- B. Capacitance
- C. Current
- D. Resistance

Ans: C. Current

66-Commutators of 220 V DC generator have brushes which are generally made of:

- A. Copper
- B. Electro graphite
- C. Graphite copper

D. Carbon copper

Ans: B. Electro graphite

67-When a number of two port networks are connected in cascade, the individual:

A. H-matrices are multiplied

B. Ysc matrices are added

C. Zoc matrices are added

D. Chain matrices are multiplied

Ans:

68-In hot wire instruments, the sensing wire is made of:

A. Copper

B. Silver

C. Platinum-iridium

D. Copper Nickle

Ans: C. Platinum-iridium

69-The direction of induced EMF during electromagnetic induction can be determined by making use:

A. Lenz's law

B. Faraday's law

C. Ampere's law

D. Laplace law

Ans: A. Lenz's law

70-In an inductance AC circuit, the current:

A. Lags the voltage

B. Leads the voltage

C. Is in phase with the voltage

D. Both A and B

Ans: A. Lags the voltage

71-Capacitive susceptance is expressed in terms of:

A. Farads

B. Siemens

C. Micro-farads

D. Ohms

Ans: B. Siemens

72-The impedance value of generator is 0.2 pu on a base value of 11 Kv, 50 MVA . The impedance value for a base value of 22 KV, 100 MVA is:

A. 0.2 pu

B. 2.4 pu

C. 0.4 pu

D. 0.15 pu

Rightoptionisnotgiven. Rightoptionis0.1p. u.

Ans:

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