QUIZ – ANSWER KEY

QUIZ NO: 67

TOPIC: ELECTRICAL ENGINEERING

1. Capacitive reactance is more when _____

   [A] Capacitance and supply frequency is less

   [B] Capacitance and supply frequency is more

   [C] Capacitance is less and supply frequency is more

   [D] Capacitance is more and supply frequency is less

   Answer: A

2. Magnitude of current at resonance in R-L-C circuit……

   [A] Depends upon the magnitude of L

   [B] Depends upon the magnitude of C

   [C] Depends upon the magnitude of R

   [D] Depends upon the magnitude of R, Land C

   Answer: C

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3. Resistance of a material always decreases if

   [A] Temperature of material is increased

   [B] Temperature of material is decreased

   [C] Number of free electrons available becomes more

   [D] None of these

   Answer: C

4. A short-circuit is identified by_____

   [A] No current flow

   [B] Heavy current flow

   [C] Voltage drop

   [D] Voltage rise

   Answer: B

5. Which of the quantity consists of SI unit as Candela?

   [A] Velocity

   [B] Impulse

   [C] Luminous intensity

   [D] Force

   Answer: C

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6. A Binary number system has how many digits?

   [A] 0

   [B] 2

   [C] 1

   [D] 10

   Answer: B

7. Inside a hollow conducting sphere……

   [A] Electric field is zero

   [B] Electric field is a non zero constant

   [C] Electric field changes with magnitude of the charge given to the conductor

   [D] Electric field changes with distance from the center of the sphere

   Answer: A

8. Which triggering is the most reliable?

   [A] Forward voltage triggering

   [B] dV / dt triggering

   [C] Thermal triggering

   [D] Gate triggering

   Answer: D

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9. Advantages of higher transmission voltage is/are……

[A] Power transfer capability of the transmission line is increased

[B] Area of cross section and volume of the conductor is reduced

[C] Transmission line losses are reduced

[D] All of the above

Answer: D

10. If two blocks having gains A and B respectively are in series connection, find the resultant gain using block diagram reduction technique?

[A] A + B

[B] A x B

[C] A - B

[D] A/B

Answer: B