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1. An oscillator converts

1. c. power into d.c. power
2. c. power into a.c. power
3. mechanical power into a.c. power
4. none of the above

Answer : 2

2. In an LC transistor oscillator, the active device is

1. LC tank circuit
2. Biasing circuit
3. Transistor
4. None of the above

Answer : 3

3. In an LC circuit, when the capacitor is maximum, the inductor energy is

1. Minimum
2. Maximum
3. Half-way between maximum and minimum
4. None of the above

Answer : 1

4. In an LC oscillator, the frequency of oscillator is L or C.

1. Proportional to square of
2. Directly proportional to
3. Independent of the values of
4. Inversely proportional to square root of

Answer : 4

5. An oscillator produces..... oscillations

1. Damped
2. Undamped
3. Modulated
4. None of the above

Answer : 2

6. An oscillator employs feedback

1. Positive
2. Negative
3. Neither positive nor negative
4. Data insufficient

Answer : 1

7. An LC oscillator cannot be used to produce frequencies

1. High
2. Audio
3. Very low
4. Very high

Answer : 3

8. Hartley oscillator is commonly used in

1. Radio receivers
2. Radio transmitters
3. TV receivers
4. None of the above

Answer : 1

9. In a phase shift oscillator, we use RC sections

1. Two
2. Three
3. Four
4. None of the above

Answer : 2

10. In a phase shift oscillator, the frequency determining elements are

1. L and C
2. R, L and C
3. R and C
4. None of the above

Answer : 3