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Oscillators MCQ Test

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Q1. Which one is the type of Oscillator?

- **A. Hartley Oscillator**
- B. Read Only Memory
- C. Establish dharma
- D. All of the above

Q2. What is Oscillator?

- A. Resister
- **B. device/electronic circuit**
- C. Voltage
- D. current

Q3. What does an oscillator converts?

- **A. DC Power into AC Power**
- B. AC Power into DC Power
- C. Both A & B
- D. None of these

Q4. In which principle oscillator works on

- **A. Oscillation**
- B. IPO
- C. Newton's three laws of motion
- D. Archimedes principle

Q5. The frequency of this oscillation is determined by the

- A. A-Z circuit
- **B. Tuned circuit**
- C. Both A and B
- D. None of the above

Q6. An oscillator produces oscillations.

- A. Damped
- **B. Undamped**
- C. Modulated
- D. All of the above

Q7. Who had invented Hartley Oscillator?

- **A. Ralph Hartley**
- B. Lardrof
- C. James
- D. Denis Richi

Q8. Hartley oscillators are commonly used in _____ oscillator applications

- A. TV receivers
- **B. radio frequency (RF)**
- C. close circuit
- D. All of the above

Q9. An oscillator differs from an amplifier because it

- A. Has more gain
- **B. Requires no input signal**
- C. Requires no d.c. supply

- **D.** Always has the same input.

Q10. is a fixed frequency oscillator.

- **A. Crystal oscillator**
- B. Colpitt's oscillator
- C. Hartely-oscillator
- D. Phase-shift oscillator

Q11. In an LC oscillator, the frequency of oscillator is _____ L and C.

- A. Directly proportional to
- B. Proportional to square of
- C. Both A and B
- **D. Inversely proportional to square root of**

Q12. An important limitation of a crystal oscillator is _____.

- A. Its high output
- B. Less availability of quartz crystal
- C. Its high output
- **D. Its low output**

Q13. The signal generator generally used in the laboratories is oscillator.

- **A. Wien-bridge**
- B. Hartely
- C. Crystal
- D. Phase shift

Q14. The sinusoidal oscillator is also called _____.

- A. LC oscillator
- B. RC oscillator
- C. Crystal oscillators
- **D. Harmonic oscillator**

Q15. Which of the following oscillators cannot be used in low-frequency oscillations?

- A. RC oscillators
- B. RC phase shift oscillators
- C. Wein bridge oscillators
- **D. Colpitts oscillators**

Q16. Multivibrators belongs to which of the following category?

- **A. Square wave oscillators**
- B. Sinusoidal oscillators
- C. Ramp wave oscillators
- D. Triangular wave oscillators

Q17. Which of the following is not an example for non-sinusoidal oscillator?

- A. Sawtooth Generators
- B. Blocking oscillators
- C. Multivibrator
- **D. Crystal oscillators**

Q18. Which type of oscillators are used in timing elements?

- A. RC oscillator
- **B. Crystal oscillator**
- C. LC oscillator
- D. Weinbridge oscillators

Q19. Which of the following oscillator is not using a feedback network for its oscillation?

- A. LC oscillator
- B. RC oscillator
- C. Crystal oscillator
- **D. Relaxation oscillators**

Q20. In a Wien-bridge oscillator, if the resistances in the positive feedback circuit are decreased, then the frequency _____.

- A. Remains the same
- B. Decreases
- C. increases
- D. Insufficient data

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