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**1. A switch has .....**

1. One state
2. Two states
3. Three states
4. None of the above

Ans : 2

**2. A relay is ..... switch**

1. A mechanical
2. An electronic
3. An electromechanical
4. None of the above

Ans : 3

**3. The switch that has the fastest speed of operation is ..... switch**

1. Electronic
2. Mechanical
3. Electromechanical
4. None of the above

Ans : 1

**4. The most inexpensive switch is ..... switch**

1. Electronic
2. Mechanical
3. Electromechanical
4. None of the above

Ans : 1

**5. The main disadvantage of a mechanical switch is that it.....**

1. Is operated mechanically
2. Is costly
3. Has high inertia
4. None of the above

Ans : 3

**6. When a transistor is driven to saturation, ideally the output is .....**

1. VCC
2. 0
3. VCC/2
4. 2VCC

Ans : 2

**7. The maximum speed of electronic switch can be ..... operations per second**

- 104
- 10
- 1000
- 109

Ans : 4

**8. A relay is superior to a mechanical switch because it .....**

- Is relatively inexpensive
- Does not require moving contacts
- Combines control with power amplification
- None of the above

Ans : 3

**9. When a transistor is driven to cut off, ideally the output is .....**

- VCC
- 0
- VCC/2
- VCC/3

Ans : 1

**10. .... multivibrator is a square wave oscillator**

- Monostable
- Astable
- Bistable
- None of the above

Ans : 2