



MCQ set

**Choose the most proper answer:**

1. The Key of Microsystem Technology is
  - a- Information Technology
  - b- LIGA
  - c- Interconnection Technology
  - d- All of the above
2. Packaging can be used for:
  - a- Practical applications
  - b- Theoretical applications
  - c- CMOS Technology only
  - d- None of the above
3. Surface Micromachining used the silicon surface as:
  - a- Isolated Layers
  - b- Foundation layer
  - c- Conducted layers
  - d- None of the above
4. Lift off Technique is a technique used in :
  - a- Doping
  - b- Etching
  - c- Packaging
  - d- Wiring
5. Magnetic Actuator is based on:
  - a- Magnetic material
  - b- Magnetic source carried through actuation
  - c- Current carrying conductor generate magnetic field.
  - d- All of the above
6. Shape Memory Alloy it consists of material that.....its shape:
  - a- Reshape.
  - b- Deform
  - c- Remember
  - d- Delete.
7. Most Laser Micromachining are:
  - a- Parallel
  - b- Not Parallel
  - c- Fast
  - d- Not used
- 8- It is non optical transfer technique:
  - a- Soft Lithography
  - b- Powder Blasting
  - c- Diamond Milling
  - d- All of the above
- 9- Optical Scanner is one of the application of:
  - a- Surface Micromachining
  - b- Bulk Micromachining
  - c- LIGA
  - d- Wet Etching
- 10- Etching is always:
  - a- Isotropic
  - b- Anisotropic
  - c- Slow
  - d- All of the above
- 11- The road map of the technology is to miniaturized size for:
  - a- Increase efficiency of the facilities
  - b- Increase efficiency for the stability
  - c- Increase efficiency for the technology
  - d- None of the above
- 12- Diamond is one the silicon shape which represent it:
  - a- Homogenous
  - b- Non-Homogenous
  - c- Not crystalline
  - d- None of the above