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4. Explain 3D printing? Describe the process of getting a STL file from CAD model. 14

Write short notes on:

14

- Shape Deposition Modeling
- Contour Crafting
- **Droplet Deposition Methods**
- Explain Epoxy Tooling. Describe its process in brief. 7
  - Explain Cast-Kirksite Tooling. State its advantages and limitations.

Explain the application of rapid prototyping in Medical field.

Describe Selective Laser Sintering.

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Explain Laminated Object Manufacturing (LOM) under following heads:

- Principle a)
- Machines used b)
- Materials
- Applications
- Advantages and Limitations

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Advantages and Limitations

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