

Subject - Advance Manufacturing & CAD/CAM

Possible type of long question

- ① - Explain the need of automation.
- ② - Describe the components of NC system
- ③ - Explain different sensors used in robot.
- ④ - Discuss different elements of CIM.
- ⑤ - Explain CAD & CAM hardware
- ⑥ - Explain M code & G code.
- ⑦ - Differentiate between CAD & CAM
- ⑧ - Identify the component of FMS
- ⑨ - What are the different type of automation?
- ⑩ - Describe the co-ordinate system of NC system
- ⑪ - Write down the application of robot.
- ⑫ - Describe robot anatomy.
- ⑬ - Explain electro chemical machining process with neat sketch.

- 14 - Explain electron beam machining process with neat sketch.
- 15 - Explain ^{Abrasive} jet machining process with neat sketch.
- 16 - Explain plasma arc machining process with neat sketch.
- 17 - Describe electro-discharge machining process with neat sketch.
- 18 - Explain the numerical control system.
- 19 - Differentiate between DNC & CNC.
- 20 - Explain the benefit of CAD & CAM.
- 21 - Explain the software & hardware of the CAD.
- 22 - Describe robot configuration.