1. What is the typical surface preparation needed for adhesive bonding?
2. List at least five aspects involved in the selection of metalworking fluids.
3. What are the functions of electrode coating in arc welding?
4. List the advantages of friction stir welding.
5. How are clean rooms classified?
6. Define Lithography and list its three types.
7. List the problems with grinding.
8. List the process capabilities/advantages of water jet machining.
10. List the different types of lathes.
11. List the four types of chips encountered in turning (i.e. lathe use)
12. What are the four terms defining machinability of an object or material.
13. What type of polymers can be cast?
14. Define rapid prototyping and list its types.
15. List the five steps involved in a P/M process.
16. What are the hazards and precautions for dealing with metallic powder?