

Indian Institute of Technology, Kharagpur
Mechanical Engineering Department

Fundamentals of Electronic Packaging (ME 60006) – Spring 2019
Class Test -1

Time - 2 hours

Full Marks – 20

Answer ALL questions

1. We have studied the bulk crystal growth process (Czochralski) in class. Suggest a method to make this a continuous process indicating potential advantages and drawbacks.
2. One of the soldering processes employed in the electronic industry uses IR heating where an infrared energy source is used in the solder reflow oven. How will you choose the IR source viz. determine the frequency of the waves emitted by the source?