

Name _____

1. Explain what is the fatigue behavior of a material?
2. Which kind of failure, brittle like or ductile like, does fatigue cause?
3. Most fatigue tests are conducted at what is referred to as “Constant Amplitude”. Explain what is “Constant Amplitude”?
4. In a $S-N_f$ fatigue curve, what are S and N_f ?
5. What does “endurance limit” mean in a $S-N_f$ fatigue curve?