Name_____ Dept._____

Chemistry 685- Safety Seminar
Laser Safety
Thursday, January 25, 2001

1) Identify two primary hazards in working with lasers and laser systems.

2) Which class of laser represents the highest hazard?

3) What hazards are associated with dye lasers?

a) Chemical dyes
b) Non-polar solvents (static spark concerns)
c) Flammable solvents
d) All of the above

4) Laser system fires can result from:

a) Flammable solvents
b) Improper beam enclosures
c) Electrical circuits
d) All of the above

5) List three items that can affect the severity of injury to biological tissue from exposure to a laser beam.