Matematical analysis, Math 4111, Fall 2013

(1) Why do you want to take this course?
(2) Are you familiar with and comfortable in writing proofs?
(3) Do you think you have a good grasp of *mathematical induction*? Very good/somewhat/not good.
(4) Do you feel that you have a good understanding of *limits*? Do you know a precise definition of limits?
(5) Why do you think the equation $x^2 = 2$ has a solution in real numbers?