Q1:

[].class => Array

3/2 = > 1

 $3.0/2.0 \Rightarrow 1.5$ 

[].nil? => false

def h; "Hello world"; end => nil

Q2: Everything is a class. It saves us the trouble from dealing with primitives and classes differently like in java.

Q3: Yes because in the long run it will save a lot of time for both developers team and tester's team. It will also clarify what is exactly expected of a function which helps in making sure that it does what it is supposed to do.

Q4: I think it is helpful but at the same time, it takes longer to implement. Maybe that's just because I am not used to ruby.

Q5: Advantages: it clearly clarifies the detailed purpose of the method which will help in determining the right-expected outputs and test them the right way.

Drawbacks, it will consume more time to write in a complex language. Also, it will require a good understanding of the language by both, the developer and the tester.