BH QUIZ 9/17/14

1. How old is the universe?
2. How old is the Earth?
3. What two elements were the only ones that were created initially?
4. The early universe had equal amounts of what four fundamental particles. Choose from the following list. Golf balls, protons, electrons, pi mesons, neutrinos, positrons, basketballs, neutrons, photons, higs bosons.
5. There was a tiny bit of other stuff, only one billionth as much, and these were what (pick two): Golf balls, protons, electrons, pi mesons, neutrinos, positrons, basketballs, neutrons, photons, higs bosons.
6. What happened between 14 seconds and about 3 minutes… to all the stuff in question 4, so that you ended up with the stuff in question 5.
7. If you were flying a jet pack behind the space shuttle, and you wanted to fly “to” the space shuttle, which way should you direct your jet? (a) poof toward the space shuttle (the jet that is), or (b) poof away from the space shuttle (the jet that is).
8. How much gravity is pulling on an astronaut in low Earth orbit? Pick from 0%, 1%, 10%, 50%, 90%, 95%, 100%. Percentage is as compared to your full weight on Earth.