The Universe – Nebulas

1. How long across are the 3 pillars in the photograph taken by the Hubble?

2. From what Greek word does Nebula come?

3. What “Greek” nebula can be seen with the naked eye from Earth?

4. What is the RGB effect?

5. What name was given to the four main stars of the Great Orion Nebula? Why?

6. What percent of the particles of the interstellar medium is Hydrogen? Helium?

7. Due to rotation, the young star forms what first?
8. What could have gotten the dust in the Eagle nebula so extremely hot?

9. How many frames was the visible spectrum out of 2500 miles of film?

10. When was the term Planetary Nebula coined?

11. What does the man call a star shedding its loose layers? He says to “think of it as a process of ________  __________.”

12. After the star sheds its outer layers, what does it become?

13. What is the estimation for the amount of planetary nebulae in our galaxy?

14. a. What did the star that exploded in 1054 appear to Earth as?

   b. What nebula did this star turn into?

15. What is a pulsar?