



The Origin of the Universe and the Solar System

Practice Questions

1) As the universe's expansion continued, the temperature cooled down and light elements were formed. The energy available leads to the formation of slightly heavier elements through the process of nuclear _____.

- (A) fission
- (B) fusion
- (C) segmentation
- (D) decomposition

2) What do you call the left-over radiation left by the Big Bang?

- (A) Cosmic Microwave Radiation
- (B) Cosmic Microwave Isotopes
- (C) Cosmic Microwave Background
- (D) Cosmic Microwave Oscillation

3) Which of the following explains what redshift is?

- (A) it is produced when galaxies moved away from us and wavelengths become longer
- (B) it is produced when galaxies moved toward us and wavelengths become shorter
- (C) it is produced when galaxies suddenly stop moving, producing red light.
- (D) it is produced when galaxies moved toward each other, merging and creating larger galaxies

4) According to the Nebular Theory, a rotating cloud of dust and gas which is known as the solar nebula contracted and flattened due to _____.

- (A) Cosmic Microwave Background
- (B) Heat and Pressure
- (C) Radioactive decay
- (D) Gravity



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5) Planets within the outer ring of the Solar System are called _____.

- (A) terrestrial planets
- (B) jovian planets
- (C) nebular planets
- (D) exclusive planets



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