



Daily Article (Bharath's Reading list) - Answers and Explanations 10.11.2023

Article link : [Link](#) (Where is the true center of the Universe? - Big Think)

1. Based on the article, which of the following is false?

- A. Big Bang didn't occur at a single point in space, but rather long ago and everywhere at once: at a moment in time
- B. The bending of starlight around the Sun during a total solar eclipse was the first definitive test that showed gravity obeys Einstein's predictions
- C. The farther an object is from us, on average, the smaller the observed redshift is
- D. None of the above

Explanation : C

According to the article, the farther an object is from us, on average, the greater the observed redshift is

2. When we look back through space, we're also looking back through time, seeing objects:

- A. As they were in the past
- B. When they were younger and closer (in time) to the Big Bang
- C. When the Universe was hotter, denser, and expanding more rapidly
- D. All the above

Explanation: D

All given points are mentioned in the article.

3. Which of the following is not a conclusion drawn in the article?

- A. There is no center for the Universe
- B. The Universe is centered on us in the sense that the amount of time that's passed since the Big Bang, and the distances that we can observe out to, are finite
- C. Any observer in any galaxy would conclude that they were at or very near the center as well as no matter the location in the Universe, you'll find yourself existing at this particular moment in time: a certain, finite amount of time after the Big Bang
- D. None of the above

Explanation: D

All given conclusions are drawn in the article.