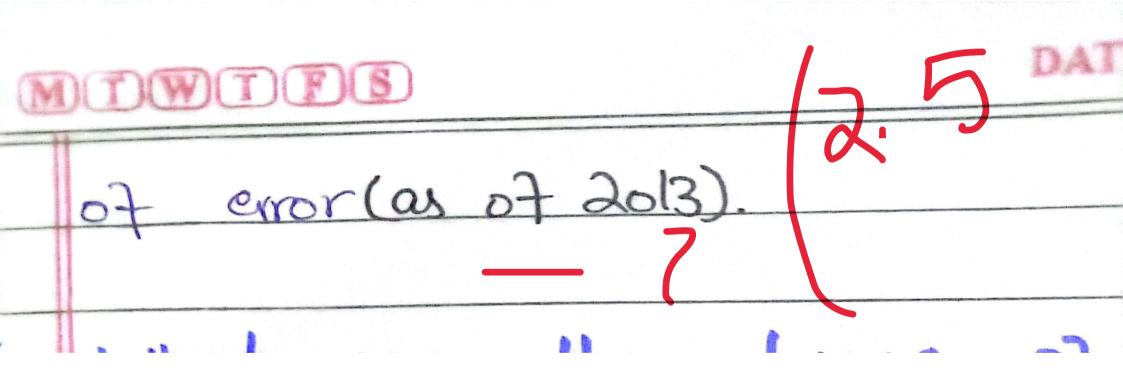
QUESTIONS: 1. What is the scientific eviden of the Big Bong? Astronomers that the Big Bong & the best way to explain how the Universe started and how it changed over time All Science is based on evi dence. So what is the evidence for the Big Bang? 1. Redshift of Galaxies By analysing the spectrum of light from stor or galaxy, astronomers can tell us how fast it is moving, and whether is moving towards Faith or away From Earth. It as object is moving away from Earth, its light to longer, recter mayo lengther an effect known Red shift supports the Big Bang theory. The light from distant glowies is a shifted (this tolly us the glowies are

MITWITE the Big Bang theory is correct 4- Mixture of Elements Some Chemical Elements were created after the Big Bang Flements like hydrogen and helium. The Big Bang theory predicts how much of each element was the early universe. When astro look at very ald glaries Theoxy that the Big Bang theory is a false premise Some, inster build theories on a predicted by Einstein's theory of general relativity What is the age of solar syst short and incomplete answer, it is supposed to be discuss in detail. The age of Solar system is 4.6 Billion years" not in one line. how this age is calculated; what procedures and methods.

How the age of Solar system can be calculated? MTWTF By studying several things, mostly moteoxites, and using radioactive obting techniques, specifically looking at (sotopes, scientists have determined the solar system is 4.6 billion years old. What is the passible shape of the universe? The size of the universe depends great deal on its shape-Scientisk have predicted the passibility that the Universe might be closed like a sphere infinite, and negotively curved like a saddle or flat and infinite. A finite universe has a finite 812 that can be measured, this would be be the age in a closed spherical universe. But an infinite universe has no size by definition. According to NASA, Scientists know that the Universe is that with only about a s.4 percent margin



a 5 marks qs should be attempted on atleast two sides of a page.