

2017 Ph H1 Q6

Section: Our Dynamic Universe

Topic: The Expanding Universe

Measurements show that the expansion rate of the Universe is increasing.

Present theory proposes that this is due to:

- A. redshift
 - B. dark matter
 - C. dark energy
 - D. the gravitational force
 - E. cosmic microwave background radiation
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Final Answer:

C

Revision Tips:

- **Dark energy** is a theoretical cause of the **accelerating** expansion
- It is not to be confused with **dark matter**, which explains gravitational effects
- This conclusion comes from measurements of distant supernovae