



**ABHIGYAN
ACADEMY**

PYQs on EVOLUTION OF UNIVERSE, STARS AND GALAXIES



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Which one of the following hypothesis/theory explains the origin of the universe ?

- (a) Nebular hypothesis
- (b) Binary theory
- (c) Big Bang theory
- (d) Planetesimal hypothesis



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In terms of geological time scale, the quaternary period consists of two epochs. They are :

- (a) Pleistocene and Pliocene
- (b) Holocene and Pleistocene
- (c) Pleistocene and Miocene
- (d) Holocene and Eocene



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Consider the following statements about Light year :

1. Light year is a unit for measurement of very large distances.
2. Light year is a unit for measurement of very large time intervals.
3. Light year is a unit for measurement of intensity of light.

Which of the statements given above is/are correct ?

- (a) 1, 2 and 3
- (b) 2 and 3 only
- (c) 1 and 2 only
- (d) 1 only



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The brightness of a star depends on its

- (a) size and temperature only
- (b) size and distance from the earth
- (c) size, temperature and mass
- (d) size, temperature and distance from the earth