

Options

- (a) Both Assertion and Reason are true and Reason is the correct explanation of Assertion.
- (b) Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
- (c) Assertion is true but Reason is false.
- (d) Assertion is false but Reason is true.

1. Assertion : A pinhole camera produces an upside down image of an object.
Reason : Light travels in a straight line.
2. Assertion : Thunder and lightning happen at the same time but lightning is seen a few seconds earlier than we hear the thunder.
Reason : Speed of light and sound is same.
3. Assertion: The moon shines brightly.
Reason : The moon is a luminous object.
4. Assertion: The colour of a shadow is always black or grey.
Reason : A shadow is the area where no light or a little light falls