

GCSE True or False COSMO QUIZ

Image Credit: JWST



1

The wavelength of light stays constant under every circumstance.

True

False

1

The wavelength of light stays constant under every circumstance.

True

False

2

We can detect light from each section of the electromagnetic spectrum using telescopes.

True

False

2

We can detect light from each section of the electromagnetic spectrum using telescopes.

True

False

3

When the wavelength of light increases, the light has been blue shifted.

True

False

3

When the wavelength of light increases, the light has been blue shifted.

True

False

4

Blueshifted objects are moving
towards us.

True

False

4

Blueshifted objects are moving
towards us.

True

False

5

Galaxies that are further away from us, are moving away from us the fastest.

True

False

5

Galaxies that are further away from us, are moving away from us the fastest.

True

False

6

The results from redshift measurements give evidence against the Big Bang Theory.

True

False

6

The results from redshift measurements give evidence against the Big Bang Theory.

True

False

7

Redshift measurements show that the universe is expanding.

True

False

7

Redshift measurements show that the universe is expanding.

True

False

8

The Big Bang Theory states that the universe started small, cold and dense.

True

False

8

The Big Bang Theory states that the universe started small, cold and dense.

True

False

9

The CMB has been observed and this gives evidence that in supports the Big Bang Theory.

True

False

9

The CMB has been observed and this gives evidence that in supports the Big Bang Theory.

True

False

10

The speed of a galaxy can be measured by observing light from supernovae in them.

True

False

10

The speed of a galaxy can be measured by observing light from supernovae in them.

True

False