

GCSE Physics A (Gateway)
J249/04 Physics A P5-P8 and P9 (Higher Tier)

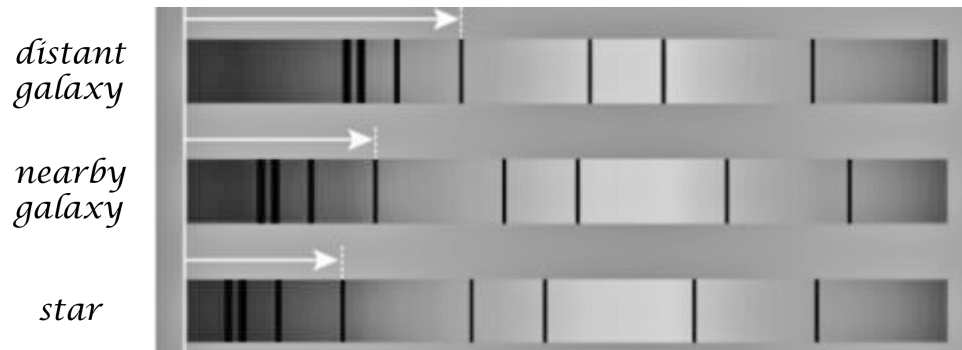
Question Set 18

1*

Scientists collect evidence from the universe and develop theories to explain their observations.

The diagram shows three absorption spectra showing red shift.

The white arrows show the relative position of the same band in the absorption spectra of a distant galaxy, a nearby galaxy and a star.



Using your knowledge of red shift, describe how the information in the diagrams supports the idea of the Big Bang model.

[6]

Total Marks for Question Set 18: 6

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