

Doppler effect and red shift

Mark scheme

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|----|-----|-------------------------------------|---|
| 1. | A | a false statement | 4 |
| | B | an observation | 2 |
| | C | a belief which science cannot prove | 1 |
| | D | a theory | 3 |
| 2. | (a) | | 4 |
| | (b) | | 1 |
| | (c) | | 4 |
| | (d) | | 1 |
| 3. | (a) | | 2 |
| | (b) | | 2 |
| | (c) | | 3 |
| | (d) | | 3 |
| 4. | (a) | | 4 |
| | (b) | | 1 |
| | (c) | | 1 |
| | (d) | | 2 |