

# Classification of Living Organisms

## Mark Scheme

<b>Level</b>	GCSE (9-1)
<b>Subject</b>	Combined Science – Trilogy - Biology
<b>Exam Board</b>	AQA
<b>Topic</b>	4.6 Inheritance Variation and Evolution
<b>Sub-Topic</b>	Classification of Living Organisms
<b>Difficulty Level</b>	Gold Level
<b>Booklet</b>	Mark Scheme

**Time Allowed:** 5 minutes

**Score:** / 5

**Percentage:** /100

**Grade Boundaries:**

**M1.(a)** same name to everyone

1

(genus) part gives information on ancestry

1

(b) any **one** from:

- DNA / RNA analysis
- improvements to (electron) microscopes
- improved understanding of biochemical processes
- evidence of internal structures being more developed

1

(c) primitive bacteria / prokaryotes

1

(often) from extreme environments / extremophiles

1

[5]