

Q1.

Which row shows SI prefixes in order of increasing magnitude?

	Smallest			Largest	
A	f	p	μ	c	☐
B	f	p	c	μ	☐
C	p	f	μ	c	☐
D	p	f	c	μ	☐

(Total 1 mark)

Q2.

Which combination of an object's speed and journey time gives a distance travelled of 1 mm?

	Speed	Journey time	
A	$10 \mu\text{m s}^{-1}$	100 s	☐
B	10 km s^{-1}	$0.01 \mu\text{s}$	☐
C	1 nm s^{-1}	1 Gs	☐
D	0.1 Mm s^{-1}	100 ns	☐

(Total 1 mark)

Q3.

Which row only contains SI fundamental base units?

- A** A, kg, N, s ☐
- B** A, K, mol, s ☐
- C** C, kg, m, mol ☐
- D** J, K, m, s ☐

(Total 1 mark)

Q4.

Which gives SI prefixes in descending order of magnitude?

A G p m

☐

B M G n

☐

C m n μ

☐

D m μ p

☐

(Total 1 mark)