MARKING SCHEME OF PRACTICAL EXAM S6 2024

1. a) ✓1 ✓1 / 2 marks

Frequency / Hz	wavelength / m
131	2.62
147	2.33
165	2.08
196	1.75
220	1.56
247	1.39

b) • Title / 1 mark
- Two correctly labelled axis with arrows / 2 marks
- Best fit line / 1 mark
- points correctly plotted : / 4 marks (any 4 points)
- Uniform scale : / 2 marks

c) The graph shows an inverse relationship between frequency and wavelength / 2 marks

d) • calculation of slope / 2 marks

• show on the graph how you find the slope / 1 mark

e) • Use quality equipment
- Use instrument of high precision
- Controlled environment
- Double check (reduce the impact of human error)

/ 3 marks.

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