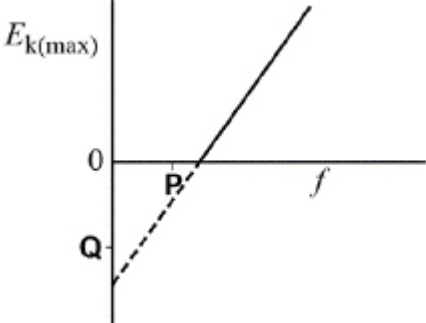


Mark schemes

1.	A	$0.3 \times 10^{-19} \text{ J}$	[1]
2.	C		[1]
3.	B	$3.3 \times 10^{-19} \text{ J}$	[1]
4.	D	<i>It emits photons of UV light following ionisation or excitation.</i>	[1]
5.	C	$1.6 \times 10^{-18} \text{ J}$	[1]
6.	B	<i>muon electron</i>	[1]
7.	A		[1]
8.	A		[1]
9.	B		[1]
10.	D		[1]
11.	A		[1]
12.	D		[1]

- | | | |
|------------|---|-----|
| 13. | C | [1] |
| 14. | C | [1] |
| 15. | D | [1] |
| 16. | A | [1] |
| 17. | C | [1] |
| 18. | A | [1] |