

Mark schemes

1.	B	above MN by 0.20 m	[1]
2.	B	third	[1]
3.	D	The frequency is 0.17 Hz.	[1]
4.	A	P is in antiphase with R P has the same amplitude as Q	[1]
5.	D		[1]
6.	A		[1]
7.	A		[1]
8.	C		[1]
9.	A		[1]
10.	D		[1]
11.	B		[1]
12.	C		[1]
13.	D		[1]
14.	A		[1]
15.	D		[1]

16. A

[1]

17. B

[1]

18. C

[1]

19. A

[1]