

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]