

## Mark schemes

1. A  
 $0.10 \text{ kg s}^{-1}$ . [1]
2. B  
 $u$  [1]
3. B  
temperature in  $^{\circ}\text{C}$     pressure in Pa [1]
4. A  
 $4.3 \text{ m s}^{-1}$  [1]
5. D [1]
6. C [1]
7. C [1]
8. A [1]
9. C [1]
10. C [1]
11. B [1]
12. B [1]
13. A [1]
14. A [1]
15. B [1]

16. D

[1]

17. C

[1]

18. C

[1]

19. C

[1]

20. A

[1]

21. D

[1]