

## Mark schemes

1. A  
*lift upwards away from the wires.* [1]
2. A  
*one* [1]
3. D  
*The peak-to-peak voltage is 650 V.* [1]
4. B  
 $\frac{9}{2}P$  [1]
5. B  
*200 0.45* [1]
6. A [1]
7. D [1]
8. C [1]
9. C [1]
10. D [1]
11. A [1]
12. B [1]
13. C [1]
14. D [1]
15. B [1]

16. A

[1]

17. A

[1]

18. C

[1]

19. D

[1]

20. C

[1]

21. C

[1]

22. B

[1]

23. B

[1]

24. C

[1]