

STATISTICS AUDIT: Answers

1. (i) D (ii) C (iii) D
 2. (a) (i) 18 (ii) 5
(b) (i) 42 (ii) 15
 3. (a) 7 (b) 6 (c) 7 (d) 3 (e) 6
 4. 5
 5. 3.03
 6. 1.2, 1.8, 0.4, 0.1, 0.02
 7. (i) T (ii) T (iii) F (iv) T
 8. $p = \frac{1}{6}$
 9. (a) $\frac{1}{32}$ (b) $\frac{5}{32}$ (c) $\frac{13}{16}$
 10. (a) 0.349 (b) 0.387 (c) 0.930
 11. (a) $\frac{2}{5}$ (b) $\frac{1}{2}$ (c) $\frac{1}{4}$ (d) $\frac{13}{20}$ (e) $\frac{1}{2}$ (f) $\frac{3}{8}$
 12. (a) 2 (b) 1.5
 13. (a) 0.018 (b) 0.073 (c) 0.908
 14. 10
 15. A: ✓ B: ✗ C: ✓ D: ✗
 16. (a) 0.159 (b) 0.023 (c) 0.977
 17. (a) 0.309 (b) 0.932 (c) 0.804
 18. (a) 403 (b) 367 (c) 197
 19. (a) C (b) 70 (c) 9
 20. (a) B (b) A (c) C
 21. 0.674
 22. (a) 0.7 (b) 0.61
 23. $k = \frac{1}{2}$
 24. $6\frac{2}{3}$
 25. (40.16 , 55.84)
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