

## Errata and updates for ASM Exam P Manual (Second Edition) sorted by page

[1/10/2018] On page xi, on the last line, change “at 2” to “at 3”.

[2/19/2018] On page xii, on line 14, change  $x = 1 \Rightarrow x = 0$  to  $x = 1 \Rightarrow y = 0$ .

[11/28/2017] On page xii, on the fifth line, change  $\int_0^2$  to  $\int_0^3$ .

[8/14/2018] On page 4, on the third line and fourth lines after the answer to Example 1B, change “unions” to “intersections” in two places.

[11/16/2019] On pages 4–5, in Example 1C:

- In (v), change 40% to 15%
- In (vi), change 22% to 12%
- Change the last two lines of the solution to:

$$0.9 = 0.25 + 0.75 + 0.20 - 0.15 - 0.12 - 0.05 + x = 0.88 + x$$

It follows that  $x = \boxed{0.02}$ .

[1/26/2018] On page 20, 3 lines above Example 2C, remove the extra comma after “type 1”.

[11/7/2017] On page 84, in the Proof of Alternative Formula for Mean, on the third line, change  $c = 1$  to  $c = -1$ . On the last line, change  $1 - F(x) = 0$  to  $(1 - F(x))x = 0$ .

[8/30/2019] On page 86, on the last line of the solution to Example 7D, change  $E[X]$  to  $E[N]$ .

[12/8/2017] On page 188, in the solution to exercise 14.9, on the second line, change “if equal” to “is equal”.

[12/1/2018] On page 350, on the first line of Example 25B, change “An life” to “A life”.

[4/17/2018] On page 395, in the solution to exercise 28.8, change the last two lines to  
Evaluate this at 0 and divide by 4!:

$$p_4 = \frac{0.2^4(3)(4)(5)(6)}{4!(1.2^7)} = \boxed{0.00669796}$$

[6/25/2018] On page 488, in the solution to question 16, change answer key (C) to (B).

[1/22/2020] On page 514, in the solution to question 13, on the last line, change  $d_2$  to  $d\omega$ .

[11/7/2017] On page 516, in the solution to question 20, on the fifth line, replace  $\Pr(X > 0)$  with  $\Pr(X = 0)$ . On the seventh line, replace  $E[X^2]$  with  $E[X]^2$ .