

## Errata and updates for ASM Exam STAM Study Manual (Third Edition Second Printing) sorted by date

[1/6/2022] On page 580, in exercise 32.6, answer choice (E) is missing the factor  $(r + 4)$  in the numerator and should be

$$\left(\frac{1}{\beta + 1}\right)^{3r} \left(\frac{\beta}{\beta + 1}\right)^8 \frac{r^2(r + 1)^2(r + 2)^2(r + 3)(r + 4)}{3!5!}$$

[1/6/2022] On page 582, in exercise 32.14, change 2008 on the first line to 2020, and change the “Year Settled” in the table from 2006, 2007, and 2008 to 2018, 2019, and 2020.

[1/6/2022] On page 638, in the table of the solution to Example 35M, delete the “i” after 2018 and move the numbers for 2017 to the right under the Exposures, Mean, and Variance columns.

[1/6/2022] On page 734, in exercise 40.18, on the first line, change “iimited” to “limited”.

[1/6/2022] On page 755, in exercise 41.33, on the second line, change “parametes” to “parameters”. On the fourth line, change “sapled” to “sampled”.

[1/6/2022] On page 956, in the solution to exercise 50.14, on the fourth line, change  $\Gamma(1.5)$  to  $\Gamma(1.5)^2$ .

[1/6/2022] On page 963, in exercise 51.6(ii), at the end of the sentence, change  $|\lambda$  to  $\lambda$ .

[1/6/2022] On page 965, exercise 51.11 is a duplicate of exercise 51.5.

[1/6/2022] On page 1223, in the solution to question 26, on the seonc line, change “fo” to “for”.

[1/6/2022] On page 1265, in the solution to question 8, on the third line, put an equal sign after  $E[X \wedge x]$ :

$$E[X \wedge 10000] - E[X \wedge 1000] = 2000(e^{-1000/2000} - e^{-10000/2000}) = 1199.5854$$

[1/5/2022] On page 74, in exercise 4.26, on the latt line, change  $S_{101}$  to  $S_{101}$ .

[1/5/2022] On page 96, under Section 6.2, in the line beginning “One model showed that . . .”, change 40 to 40%.

[1/5/2022] On page 135, on the fifth line of Subsection 9.2.2. change “expeneses” to “expenses”.

[1/5/2022] On page 141, in the solution to exercise 9.2, on the first line, change 2015 to 2018.

[1/5/2022] On page 349, in exercise 22.5, in the table, delete the apostrophe before 50 in number of boats for luxury yachts.

[1/5/2022] On page 521, in the solution to exercise 30.11, 6 lines from the end, in the sentence beginning “For  $\lambda_1$ ”, in the expression, the  $\lambda$  in the exponent should have subscript:  $\lambda_1^3 e^{-\lambda_1(40 + \sum x_i)}$ .

[1/6/2002] On page 582, in exercise 32.15, on the first line, change 2008 to 2020.

[1/6/2002] On page 582, in exercise 32.17, on the first line, change 2008 to 2020.