

## Errata and Updates for ASM Exam MAS-II (Sixth Edition) Sorted by Date

[9/26/2024] On page 586, in question 25, change the answer choices to:

- (A) Less than 0.70
- (B) At least 0.70, but less than 0.74
- (C) At least 0.74, but less than 0.78
- (D) At least 0.78, but less than 0.82
- (E) At least 0.82

[9/26/2024] On page 731, in the solution to question 25, change the final answer to 0.8211 and change the answer key to (E). Also change the answer key on page 726.

[8/28/2024] On page 459, on the ninth line of Section 39.1 beginning “The principi components”, change  $X_i$  to  $X_j$ .

[8/28/2024] On page 479, in the solution to exercise 39.9, change  $x_{13}$  to  $x_{31}$ .

[8/26/2024] On page 130, on the third line from the bottom, change 7.291167 to 7.291667. On page 131, change 7.291167 to 7.291667 on lines 3, 4, and 5. Change 16.3610 to 16.3605 on lines 5 and 6. However, the final answer remains the same to two decimal places.

[4/28/2024] On page 563, in question 3, change the answer choices to:

- (A) Less than 12.4
- (B) At least 12.4, but less than 12.5
- (C) At least 12.5, but less than 12.6
- (D) At least 12.6, but less than 12.7
- (E) At least 12.7

[4/25/2024] On page 519, on the last line of question 7, change “integrr” to “integer”.

[4/25/2024] On page 560, in question 32, in the matrix, change the entry for row 2 column 1 from 0.5 to 0.4.

[4/25/2024] On page 560, in question 33, on the first line, change “6” to “5”.

[4/25/2024] On page 698, in the solution to question 5, on the third line, change  $0.25^2(384.16) = 56.04$  to  $0.5^2(384.16) = 96.04$ .

[4/25/2024] On page 716, in the solution to question 34, on the second and third lines (once apiece), change 0.1333 to 0.1133.

[4/14/2024] On page 693, replace the solution to question 18 with the following:

For points 131 and below, the prediction is “No”. For points 180 and up, the prediction is “Yes”. For 144, the closest points are 131 and 151, leading to a “Yes” prediction. For 151, the closest points are 144 and 168, leading to a “No” prediction. For 168, the closest points are 151 and 180, leading to a “Yes” prediction. Thus the prediction is erroneous at 131, 144, 151, and 168, for a  $4/12$  or  $33\frac{1}{3}\%$  error rate.

(C)