## **ERRATA**

Title: Ranger SPM (2024) Mathematics

Book code: KC118234 Author: Tan Soon Chen

| Page<br>number | Item                                  | Error  | Correction   |
|----------------|---------------------------------------|--|--|
| 54             | Example 21<br>Solution (c)<br>and (d) | (a) Valid and sound.  (b) Valid but not sound because Premise 1 and conclusion are false.  (c) Invalid because it does not comply with a valid form of deductive argument. Not sound because the conclusion is false.  (d) Invalid because it does not comply with a valid form of deductive argument. Not sound because Premise 1 and conclusion are false. | <ul> <li>(c) Not valid because it does not comply with a valid form of deductive argument. Hence, the argument is not sound.</li> <li>(d) Not valid because it does not comply with a valid form of deductive argument. Hence, the argument is not sound.</li> </ul> |
| 54             | Caution!                              | Deductive arguments are sound if all premises and conclusions are true.  | Deductive arguments are sound if<br>the arguments are valid, and all<br>premises and conclusions are true.   |