Page 14, Table 1:

Corrected Version of Table 1:

<table>
<thead>
<tr>
<th>Multipliers</th>
<th>Tera</th>
<th>Giga</th>
<th>Mega</th>
<th>Kilo</th>
<th>Hertz, Volts, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10^12</td>
<td>10^9</td>
<td>10^6</td>
<td>10^3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Milli</td>
</tr>
<tr>
<td></td>
<td>10^-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Micro</td>
</tr>
<tr>
<td></td>
<td>10^-6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Nano</td>
</tr>
<tr>
<td></td>
<td>10^-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Pico</td>
</tr>
<tr>
<td></td>
<td>10^-12</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Page 15, Equations:
On rearranging the equation to maintain equality:
b = a / c, then 3 = 6 / 2 which is also true...

Page 22, Math for Electronics:
The initial equation should read:

\[ f_r = \sqrt{\left(2 \times 10^{-4}\right) \times \left(2 \times 10^{-10}\right)} \]

Under Resonant frequency, the first solution should read:

\[ f_r = 79.5 \times 10^4 \]

Page 32, DC Circuits:
Question 7, answer “a” should be 5.1 vdc, not 4.4 vdc

Page 39, Inductance:
Right column, second paragraph...

\[ L_T = \frac{1}{L_1} + \frac{1}{L_2} + \ldots + \frac{1}{L_n} \]

Page 42, Answers Chapter 5 Quiz:
#9 a
#10 b

Page 69, Direction of Current Flow:
In Figures 8 and 9 the diode should be opposite as shown:

![Diode Symbol](Fig.8)

Page 75, Semiconductors
Question 3 should read:
To properly bias a NPN silicon signal amplifier transistor which voltages appear correct for a signal amplifier?

Also, answer “a” for Question 3 should read:
E = 0; B = +.5; C = 10

Question 7 should read:
“The primary difference between a NPN and a PNP transistor is:
a. physical size.
b. DC voltages are reversed.
c. on is germanium and the other silicon.
d. the polarity of the power supply voltage

The answer for Question 8 is “a”.

Page 94, Amplifiers Circuits, Types and dBs
The answer for the top sample problem on the left should be “a.”
**Page 95, Amplifiers Circuits, Types and dBs**

- **dB Table:**
  - dB 16 should have voltage ratio or 6.3 and Power Ratio of 40

**Page 97, Chapter 12 Quiz**

Question 6 has two “b” distractors. The answers should be:

A) Class A  
B) Class B (correct answer)  
C) Class C  
D) All of the above

**Page 98, Review Questions**

Question 4, answer “b” is 15.5 V DC

**Page 99, Review Questions**

Question 7 should read:

If the frequency of the input signal to an Op-Amp increases, then the output signal level ________.

**Page 101, Antenna:**

The formula for finding the length of a 1/4 wavelength antenna:

\[
\text{1/4 WAVELENGTH (ft.)} = \frac{246}{\text{freq (MHz)}}
\]

**Page 114, Transmitters, Transmission Line and Antennas**

The answer for Question 10 is “b.”

**Page 131, Counting in Binary:**

Left hand column at near top, “c.” should be 1777 octal, not 177 octal

**Page 143, Displays:**

In the resolution table...

- SVGA is 800 x 600
- XGA is 1,024 x 768

**Page 175, Review Questions**

The answer for Question 1 is “a.”

**Page 181, Record Keeping, Productivity Calculation & Personal Behavior**

Chapter Quiz:

The answer for Question 4 can be “a”, “b” or “c.”

**Page 188, Appendix A, Practice Exams**

The answer for Question 23 can be “a”, “b” or “c.”

**Page 204, Answers Practice Exam 1:**

- #37 c

**Page 204, Answers Practice Exam 2:**

- #6 d  #43 a, c or d  #61 a  #39 a or d  #68 c