APPENDIX C
Scores of the Efficiency Value of CAI

C: 1 Scores of the Efficiency of Individual Testing
C: 2 Scores of the Efficiency of small group Testing
C: 3 Scores of the Efficiency of field Testing
C: 4 Scores of the Effectiveness (Pretest-Posttest) of CAI
### APPENDIX C (C: 1)

**Scores of the Efficiency of Individual Testing**

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Efficiency Standard Criteria \( E_1 = 90/ E_2 = 90 \)
APPENDIX C (C: 2)
Scores of the Efficiency of Small Group Testing

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\[ E_1 = 90 \]  \[ E_2 = 92.75 \]

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Efficiency Standard Criteria \[ E_1 = 90 \]  \[ E_2 = 90 \]
### APPENDIX C (C: 3)
Scores of the Efficiency of Field Testing

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APPENDIX C (C: 3) (Continued)
Scores of the Efficiency of Field Testing

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Efficiency Standard Criteria \( E_1 = 90 \)/ \( E_2 = 90 \)
Scores of the Effectiveness (Pretest-Posttest Score) of CAI

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</tr>
<tr>
<td>24</td>
<td>32</td>
<td>39</td>
<td>7</td>
<td>49</td>
</tr>
<tr>
<td>25</td>
<td>23</td>
<td>38</td>
<td>15</td>
<td>225</td>
</tr>
</tbody>
</table>
## Scores of the Effectiveness (Pretest-Posttest Score) of CAI

<table>
<thead>
<tr>
<th>No. of Students</th>
<th>Pretest</th>
<th>Posttest</th>
<th>$d$</th>
<th>$d^2$</th>
</tr>
</thead>
<tbody>
<tr>
<td>26</td>
<td>26</td>
<td>37</td>
<td>11</td>
<td>121</td>
</tr>
<tr>
<td>27</td>
<td>22</td>
<td>38</td>
<td>16</td>
<td>256</td>
</tr>
<tr>
<td>28</td>
<td>21</td>
<td>36</td>
<td>15</td>
<td>225</td>
</tr>
<tr>
<td>29</td>
<td>33</td>
<td>40</td>
<td>7</td>
<td>49</td>
</tr>
<tr>
<td>30</td>
<td>20</td>
<td>38</td>
<td>18</td>
<td>324</td>
</tr>
<tr>
<td><strong>N = 30</strong></td>
<td><strong>740</strong></td>
<td><strong>1117</strong></td>
<td><strong>377</strong></td>
<td><strong>5049</strong></td>
</tr>
</tbody>
</table>

### Testing

<table>
<thead>
<tr>
<th>Test</th>
<th>N</th>
<th>$\Sigma d$</th>
<th>$\Sigma d^2$</th>
<th>t-test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-test</td>
<td>30</td>
<td>377</td>
<td>5049</td>
<td>21.01**</td>
</tr>
<tr>
<td>Post-test</td>
<td>30</td>
<td>377</td>
<td>5049</td>
<td></td>
</tr>
</tbody>
</table>

$df = 29$

t-test $0.05 = 2.05$

t-test $0.01 = 2.76$

** Significant at 0.01 level of confidence