

**APPENDIX A**  
**SUPPLEMENTARY TABLES**

**Table 1** Gender and English Language Proficiency

| <b>Gender<br/>(N = 80)</b>   | <b>Male<br/>(N = 15)<br/>Mean<br/>SD</b> |        | <b>Female<br/>(N = 65)<br/>Mean<br/>SD</b> |        | <b>t</b>          |
|------------------------------|--|--------|--|--------|-------------------|
| TOEIC Score                  | 465                                      | 144.41 | 461  | 112.22 | .12 <sup>NS</sup> |
| Proficiency Level            | Intermediate                             |        | Intermediate                               |        |                   |
| <sup>N</sup> Non-significant |  |        |  |        | s                 |

**Table 2** Major Fields of Study and English Language Proficiency

| <b>Major Fields of Study<br/>(N = 67)</b> | <b>Average<br/>TOEIC Score<br/>(Mean)</b> | <b>SD</b> | <b>Proficiency<br/>Level</b> | <b>F</b>           |
|---|---|-----------|------------------------------|--------------------|
| Marketing<br>N = 19 (28%)                 | 491                                       | 118.67    | Intermediate                 |                    |
| Accounting<br>N = 13 (19%)                | 470                                       | 110.08    | Intermediate                 |                    |
| Public Administration<br>N = 11 (17%)     | 460                                       | 161.05    | Intermediate                 | 1.46 <sup>NS</sup> |
| Business Computing<br>N = 16 (24%)        | 433                                       | 92.63     | Intermediate                 |                    |
| Finance<br>N = 8 (12%)                    | 381                                       | 71.40     | Elementary                   |                    |
| <sup>NS</sup> Non-significant             |   |           |                              |                    |

**Table 3** Future Plans after Graduation and English Language Proficiency

| English Proficiency | Future Plans after Graduation<br>(N = 78) |       |                              |        | t                   |
|---------------------|---|-------|------------------------------|--------|---------------------|
|                     | Furthering Studies<br>N = 10 (13%)        |       | Finding Jobs<br>N = 68 (87%) |        |                     |
|                     | Mean                                      | SD    | Mean                         | SD     |                     |
| TOEIC Score         | 437                                       | 99.22 | 468                          | 120.38 | - .78 <sup>NS</sup> |
| Proficiency Level   | Intermediate                              |       | Intermediate                 |        |                     |

<sup>NS</sup>  
Non-significant

**Table 4** Length of Time Spent on Formal English Language Learning and English Language Proficiency

| English Proficiency | Length of English Language Learning<br>(N = 80) |        |                      |        | t                 |
|---------------------|---|--------|----------------------|--------|-------------------|
|                     | 17 years<br>(N = 37)                            |        | 15 years<br>(N = 43) |        |                   |
|                     | Mean  | SD     | Mean                 | SD     |                   |
| TOEIC Score         | 475   | 113.07 | 450                  | 122.02 | .95 <sup>NS</sup> |
| Proficiency Level   | Intermediate                                    |        | Intermediate         |        |                   |

<sup>NS</sup>  
Non-significant

**Table 5** Achievement on FE I and English Language Proficiency

| Subjects'<br>Grades on FE I<br>(N = 78) | Average TOEIC Scores |        |        | Proficiency<br>Level          |
|---|----------------------|--------|--------|-------------------------------|
|   | Mean                 | SD     | F      |                               |
| A                                       | 601<br>N = 10 (13%)  | 179.26 | 10.11* | High intermediate/<br>Working |
| B, B+                                   | 466<br>N = 40 (51%)  | 86.44  |        | Intermediate                  |
| C, C+                                   | 416<br>N = 24 (31%)  | 87.35  |        | Intermediate                  |
| D, D+                                   | 331<br>N = 4 (5%)    | 51.38  |        | High beginner/<br>Elementary  |

One-way ANOVA for FE I Achievement and English Proficiency

| Source         | df | Sum of Squares<br>(SS) | Mean Square<br>(MS) | F      |
|----------------|----|------------------------|---------------------|--------|
| Between Groups | 3  | 313201.25              | 104400.417          | 10.11* |
| Within Groups  | 74 | 763969.58              | 10323.913           |        |
| Total          | 77 | 1077170.8              |                     |        |

\* Significant at .05 level

**Table 6** Relationship between the Subjects' FE I Achievement and their English Proficiency

### Descriptive Statistics

|                | N  | Mean   | SD      | Minimum | Maximum |
|----------------|----|--------|---------|---------|---------|
| Grades on FE I | 78 | 2.28   | .754    | 1       | 4       |
| TOEIC Scores   | 80 | 461.63 | 117.900 | 250     | 880     |

### Frequencies

| Grades on FE I |               |               |
|----------------|---------------|---------------|
|                | Observed<br>N | Expected<br>N |
| A              | 10            | 19.5          |
| B, B+          | 40            | 19.5          |
| C, C+          | 24            | 19.5          |
| D, D+          | 4             | 19.5          |
| Total          | 78            |               |

### Test Statistics

|                         |      | Grades on<br>FE I | TOEIC<br>Scores |
|-------------------------|------|-------------------|-----------------|
| Chi-Square(a,b)         |      | 39.538            | 20.700          |
| df                      |      | 3                 | 52              |
| Asymp. Sig.             |      | .000              | 1.000           |
| Monte Carlo             | Sig. | .000(c)           | 1.000(c)        |
| Sig.                    |      |                   |                 |
| 95% Confidence Interval |      | Lower Bound       | .000            |
|                         |      | Upper Bound       | .037            |
|                         |      |                   | .963            |
|                         |      |                   | 1.000           |

a 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 19.5.

b 53 cells (100.0%) have expected frequencies less than 5. The minimum expected cell frequency is 1.5.

c Based on 80 sampled tables with starting seed 2000000.

**Table 7** Achievement on FE II and English Language Proficiency

| Subjects'<br>Grades on FE II<br>(N = 76) | Average TOEIC Scores |        |        | Proficiency<br>Level          |
|--|----------------------|--------|--------|-------------------------------|
|  | Mean                 | SD     | F      |                               |
| A  | 622<br>N = 13 (17%)  | 149.67 | 16.45* | High intermediate/<br>Working |
| B, B+                                    | 441<br>N = 43 (57%)  | 78.73  |        | Intermediate                  |
| C, C+                                    | 410<br>N = 18 (24%)  | 77.24  |        | Intermediate                  |
| D, D+                                    | 325<br>N = 2 (2%)    | 84.85  |        | High beginner/<br>Elementary  |

One-way ANOVA for FE II Achievement and English Proficiency

| Source         | df | Sum of Squares<br>(SS) | Mean Square<br>(MS) | F      |
|----------------|----|------------------------|---------------------|--------|
| Between Groups | 3  | 437084.33              | 145694.779          | 16.45* |
| Within Groups  | 72 | 637771.91              | 8857.943            |        |
| Total          | 75 | 1074856.2              |                     |        |

\* Significant at .05 level

**Table 8** Relationship between the Subjects' FE II Achievement and their English Proficiency

### Descriptive Statistics

|                 | N  | Mean   | SD      | Minimum | Maximum |
|-----------------|----|--------|---------|---------|---------|
| Grades on FE II | 76 | 2.12   | .711    | 1       | 4       |
| TOEIC Scores    | 80 | 461.63 | 117.900 | 250     | 880     |

### Frequencies

#### Grades on FE II

|       | Observed<br>N | Expected<br>N |
|-------|---------------|---------------|
| A     | 13            | 19.0          |
| B, B+ | 43            | 19.0          |
| C, C+ | 18            | 19.0          |
| D, D+ | 2             | 19.0          |
| Total | 76            |               |

### Test Statistics

|                  |                         | Grades on<br>FE II | TOEIC<br>Scores |
|------------------|-------------------------|--------------------|-----------------|
| Chi-Square(a,b)  |                         | 47.474             | 20.700          |
| df               |                         | 3                  | 52              |
| Asymp. Sig.      |                         | .000               | 1.000           |
| Monte Carlo Sig. | Sig.                    | .000(c)            | 1.000(c)        |
|                  | 95% Confidence Interval | Lower Bound        | .000            |
|                  |                         | Upper Bound        | .037            |

a 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 19.0.

b 53 cells (100.0%) have expected frequencies less than 5. The minimum expected cell frequency is 1.5.

c Based on 80 sampled tables with starting seed 926214481.

**Table 9** Relationship between the Subjects' Number of Elective English Courses taken and their English Proficiency

| <b>Descriptive Statistics</b>   |    |        |         |         |         |
|---------------------------------|----|--------|---------|---------|---------|
|                                 | N  | Mean   | SD      | Minimum | Maximum |
| No. of Elective English Courses | 57 | 2.19   | 1.231   | 1       | 6       |
| TOEIC Scores                    | 80 | 461.63 | 117.900 | 250     | 880     |

| <b>Frequencies</b>                     |               |               |
|--|---------------|---------------|
| Number of the Elective English Courses |               |               |
|  | Observed<br>N | Expected<br>N |
| 1 course                               | 17            | 9.5           |
| 2 courses                              | 25            | 9.5           |
| 3 courses                              | 8             | 9.5           |
| 4 courses                              | 3             | 9.5           |
| Most than 4 courses                    | 2             | 9.5           |
| None                                   | 2             | 9.5           |
| Total                                  | 57            |               |

|                         |      | <b>No. of Elective<br/>English<br/>Courses</b> | <b>TOEIC<br/>Scores</b> |
|-------------------------|------|--|-------------------------|
| Chi-Square(a,b)         |      | 47.737   | 20.700                  |
| df                      |      | 5  | 52                      |
| Asymp. Sig.             |      | .000   | 1.000                   |
| Monte Carlo Sig.        | Sig. | .000(c)  | 1.000(c)                |
| 95% Confidence Interval |      | Lower Bound                                    | .000                    |
|                         |      | Upper Bound                                    | .037                    |
|                         |      |  | 1.000                   |

a 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 9.5.

b 53 cells (100.0%) have expected frequencies less than 5. The minimum expected cell frequency is 1.5.

c Based on 80 sampled tables with starting seed 624387341.

**Table 10** Reasons for Studying Elective English Courses

| Reasons   | Number of Subjects<br>Percentage of Respondents |             |
|---|---|-------------|
|   | (No.)   | Valid ( % ) |
| 1. Using the obtained English knowledge in career | 31  |             |
| 2. Developing English language skills             | 21  |             |
| 3. Liking the English language                    | 17  |             |
| 4. Improving the English subject grade/s          | 2   |             |
| 5. Others (no reason/s specified)                 | 2   |             |
| 6. Following friends                              | 1   |             |
| 7. Being required by family                       | -   |             |
| Total   | 74  |             |
| Missing Information                               | 6   |             |
|   |   | 38.7        |
|   |   | 26.3        |
|   |   | 21.2        |
|   |   | 2.5         |
|   |   | 2.5         |
|   |   | 1.3         |
|   |   | -           |
|   |   | 92.5        |
|   |   | 7.5         |
|   |   | 45          |



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|       |     |
|-------|-----|
|       | 26  |
|       | 24  |
|       | 2   |
|       | 2   |
|       | 1   |
|       | -   |
|       | 100 |
| <hr/> |     |
| Total | 80  |
|       | 100 |

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**Table 11** Relationship between the Subjects' Experience in an English-speaking Country and their English Proficiency

| <b>Descriptive Statistics</b>             |    |        |         |         |         |
|---|----|--------|---------|---------|---------|
|   | N  | Mean   | SD      | Minimum | Maximum |
| Experience in an English-speaking Country | 80 | 1.70   | .461    | 1       | 2       |
| TOEIC Scores                              | 80 | 461.63 | 117.900 | 250     | 880     |

### Frequencies

#### Experience in an English-speaking Country

|       | Observed<br>N | Expected<br>N |
|-------|---------------|---------------|
| Yes   | 24            | 40.0          |
| No    | 56            | 40.0          |
| Total | 80            |               |

### Test Statistics

|                  |                         | Experience in an<br>English-speaking<br>Country | TOEIC<br>Scores |
|------------------|-------------------------|---|-----------------|
| Chi-Square(a,b)  |                         | 12.800  | 20.700          |
| df               |                         | 1   | 52              |
| Asymp. Sig.      |                         | .000  | 1.000           |
| Monte Carlo Sig. | Sig.                    | .000(c)   | 1.000(c)        |
|                  | 95% Confidence Interval | Lower<br>Bound                                  | .000            |
|                  |                         | Upper<br>Bound                                  | .037            |
|                  |                         |   | .963            |
|                  |                         |   | 1.000           |

- a 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 40.0.
- b 53 cells (100.0%) have expected frequencies less than 5. The minimum expected cell frequency is 1.5.
- c Based on 80 sampled tables with starting seed 1502173562.

**Table 12** Out-of-class English Learning Activities and English proficiency

Very often = everyday / many times per week  
 Often = one time per week / many times per month  
 Seldom = one time per month  
 Never = not at all

| Out-of-class English Learning Activities                             | Frequencies on English Language Use |           |            |           |           | F                   |
|--|-------------------------------------|-----------|------------|-----------|-----------|---------------------|
|  | Very Often (%)                      | Often (%) | Seldom (%) | Never (%) | Total (%) |                     |
| (1) Using English with English-speaking friends                      | 3                                   | 7         | 34         | 56        | 100       | 3.10*               |
| (2) Searching information in the Internet                            | 33                                  | 52        | 15         | -         | 100       | 1.90 <sup>NS</sup>  |
| (3) Seeing English soundtrack movies                                 | 24                                  | 40        | 32         | 4         | 100       | 1.83 <sup>NS</sup>  |
| (4) Listening to English news/songs                                  | 13                                  | 46        | 30         | 11        | 100       | 1.42 <sup>NS</sup>  |
| (5) Playing computer games   | 12                                  | 23        | 39         | 26        | 100       | 1.16 <sup>NS</sup>  |
| (6) Watching English TV programmes                                   | 8                                   | 33        | 47         | 12        | 100       | .16 <sup>NS</sup>   |
| (7) Self-study from other sources (e.g. library, self-access centre) | 3                                   | 5         | 60         | 32        | 100       | 3.04*               |
| (8) Reading English newspapers/magazines/novels                      | 4                                   | 19        | 60         | 17        | 100       | 1.24 <sup>NS</sup>  |
| (9) Writing e-mails in English                                       | 3                                   | 16        | 53         | 28        | 100       | 3.98* <sup>NS</sup> |
| (10) Using English with family members                               | 2                                   | 4         | 28         | 66        | 100       | 2.71                |

\* Significant at .05 level

NS

Non-significant

**Table 12.1** Exposure by Searching for English-language Information from the Internet and English Proficiency

| Frequency in English Use (N = 73) | Average TOEIC Score (Mean) | SD     | Proficiency Level | F                  |
|-----------------------------------|----------------------------|--------|-------------------|--------------------|
| Very often<br>N = 24 (33%)        | 499                        | 146.33 | Intermediate      |                    |
| Often<br>N = 38 (52%)             | 455                        | 112.32 | Intermediate      | 1.90 <sup>NS</sup> |
| Seldom<br>N = 11 (15%)            | 419                        | 73.85  | Intermediate      |                    |

<sup>NS</sup>  
Non-significant

**Table 12.2** Exposure by Seeing English Soundtrack Movies and English Proficiency

| Frequency in English Use (N = 72) | Average TOEIC Score (Mean) | SD     | Proficiency Level | F                  |
|-----------------------------------|----------------------------|--------|-------------------|--------------------|
| Very often<br>N = 17 (24%)        | 516                        | 135.76 | Intermediate      |                    |
| Often<br>N = 29 (40%)             | 457                        | 124.16 | Intermediate      | 1.83 <sup>NS</sup> |
| Seldom<br>N = 23 (32%)            | 455                        | 96.95  | Intermediate      |                    |
| Never<br>N = 3 (4%)               | 368                        | 107.51 | Elementary        |                    |

<sup>NS</sup>  
Non-significant

**Table 12.3** Exposure by Listening to English News or Songs and English Proficiency

| Frequency in English Use (N = 67) | Average TOEIC Score (Mean) | SD     | Proficiency Level | F                  |
|-----------------------------------|----------------------------|--------|-------------------|--------------------|
| Very often<br>N = 9 (13%)         | 489                        | 170.89 | Intermediate      | 1.42 <sup>NS</sup> |
| Often<br>N = 31 (46%)             | 482                        | 133.39 | Intermediate      |                    |
| Seldom<br>N = 20 (30%)            | 439                        | 83.59  | Intermediate      |                    |
| Never<br>N = 7 (11%)              | 392                        | 88.45  | Elementary        |                    |

<sup>NS</sup>  
Non-significant

**Table 12.4** Exposure by Playing English Computer Games and English Proficiency

| Frequency in English Use (N = 65) | Average TOEIC Score (Mean) | SD     | Proficiency Level | F                  |
|-----------------------------------|----------------------------|--------|-------------------|--------------------|
| Very often<br>N = 8 (12%)         | 499                        | 93.49  | Intermediate      | 1.16 <sup>NS</sup> |
| Often<br>N = 15 (23%)             | 476                        | 137.95 | Intermediate      |                    |
| Seldom<br>N = 25 (39%)            | 472                        | 126.17 | Intermediate      |                    |
| Never<br>N = 17 (26%)             | 416                        | 113.50 | Intermediate      |                    |

<sup>NS</sup>  
Non-significant

**Table 12.5** Exposure by Watching English TV Programmes and English Proficiency

| <b>Frequency in English Use (N = 66)</b> | <b>Average TOEIC Score (Mean)</b> | <b>SD</b> | <b>Proficiency Level</b> | <b>F</b>          |
|--|-----------------------------------|-----------|--------------------------|-------------------|
| Very often<br>N = 5 (8%)                 | 466                               | 122.75    | Intermediate             | .16 <sup>NS</sup> |
| Often<br>N = 22 (33%)                    | 470                               | 111.76    | Intermediate             |                   |
| Seldom<br>N = 31 (47%)                   | 453                               | 113.13    | Intermediate             |                   |
| Never<br>N = 8 (12%)                     | 438                               | 203.35    | Intermediate             |                   |

<sup>NS</sup>  
Non-significant

**Table 12.6** Exposure by Reading English Published Media (Newspapers/Magazines/Novels) and English Proficiency

| <b>Frequency in English Use (N = 58)</b> | <b>Average TOEIC Score (Mean)</b> | <b>SD</b> | <b>Proficiency Level</b> | <b>F</b>           |
|--|-----------------------------------|-----------|--------------------------|--------------------|
| Very often<br>N = 2 (4%)                 | 548                               | 102.53    | Intermediate             | 1.24 <sup>NS</sup> |
| Often<br>N = 11 (19%)                    | 466                               | 114.68    | Intermediate             |                    |
| Seldom<br>N = 35 (60%)                   | 474                               | 133.50    | Intermediate             |                    |
| Never<br>N = 10 (17%)                    | 399                               | 114.50    | Elementary               |                    |

<sup>NS</sup>  
Non-significant

**Table 12.7** English Language Use with Family Members and English Proficiency

| <b>Frequency in English Use<br/>(N = 53)</b> | <b>Average TOEIC Score<br/>(Mean)</b> | <b>SD</b> | <b>Proficiency Level</b> | <b>F</b>           |
|--|---------------------------------------|-----------|--------------------------|--------------------|
| Very often<br>N = 1 (2%)                     | 250                                   | .         | Elementary               |                    |
| Often<br>N = 2 (4%)                          | 403                                   | 17.68     | Intermediate             | 2.71 <sup>NS</sup> |
| Seldom<br>N = 15 (28%)                       | 522                                   | 141.61    | Intermediate             |                    |
| Never<br>N = 35 (66%)                        | 439                                   | 116.22    | Intermediate             |                    |

<sup>NS</sup>  
Non-significant

**Table 13** Interaction with English-speaking Friends and English Proficiency

| <b>Frequency in English Use (N = 59)</b> | <b>Average TOEIC Score (Mean)</b> | <b>SD</b> | <b>Proficiency Level</b> | <b>F</b> |
|--|-----------------------------------|-----------|--------------------------|----------|
| Very often<br>N = 2 (3%)                 | 538                               | 116.67    | Intermediate             |          |
| Often<br>N = 4 (7%)                      | 514                               | 141.27    | Intermediate             | 3.10 *   |
| Seldom<br>N = 20 (34%)                   | 518                               | 121.66    | Intermediate             |          |
| Never<br>N = 33 (56%)                    | 427                               | 109.01    | Intermediate             |          |

One-way ANOVA for Interaction with English-speaking Friends and English Proficiency

| <b>Source</b>  | <b>df</b> | <b>Sum of Squares (SS)</b> | <b>Mean Square (MS)</b> | <b>F</b> |
|----------------|-----------|----------------------------|-------------------------|----------|
| Between Groups | 3         | 124381.51                  | 41460.506               | 3.10*    |
| Within Groups  | 55        | 734934.58                  | 13362.447               |          |
| Total          | 58        | 859316.10                  |                         |          |

\* Significant at .05 level



**Table 14** Relationship between the Subjects' Interaction with English-speaking Friends and their English Proficiency

| <b>Descriptive Statistics</b>             |        |         |    |
|---|--------|---------|----|
|   | Mean   | SD      | N  |
| Interaction with English-speaking Friends | 1.58   | .770    | 59 |
| TOEIC Scores                              | 461.63 | 117.900 | 80 |

  

| <b>Correlations</b>                       |                     |   |              |
|---|---------------------|---|--------------|
|   |                     | Interaction with English-speaking Friends | TOEIC Scores |
| Interaction with English-speaking Friends | Pearson Correlation | 1   | .332(*)      |
|   | Sig. (2-tailed)     | .   | .010         |
|   | N                   | 59  | 59           |
| TOEIC Scores                              | Pearson Correlation | .332(*)                                   | 1            |
|   | Sig. (2-tailed)     | .010                                      | .            |
|   | N                   | 59  | 80           |

\* Significant at .05 level

**Table 15** Self-study from Other Sources (e.g. Library, Self-access Centre) and English Proficiency

| <b>Frequency in English Use (N = 57)</b> | <b>Average TOEIC Score (Mean)</b> | <b>SD</b> | <b>Proficiency Level</b> | <b>F</b> |
|--|-----------------------------------|-----------|--------------------------|----------|
| Very often<br>N = 2 (3%)                 | 540                               | 28.28     | Intermediate             |          |
| Often<br>N = 3 (5%)                      | 442                               | 68.98     | Intermediate             | 3.04 *   |
| Seldom<br>N = 34 (60%)                   | 499                               | 133.93    | Intermediate             |          |
| Never<br>N = 18 (32%)                    | 397                               | 104.41    | Intermediate             |          |

One-way ANOVA for Self-study of English and English Proficiency

| <b>Source</b>  | <b>df</b> | <b>Sum of Squares (SS)</b> | <b>Mean Square (MS)</b> | <b>F</b> |
|----------------|-----------|----------------------------|-------------------------|----------|
| Between Groups | 3         | 135485.66                  | 45161.888               | 3.04*    |
| Within Groups  | 53        | 787562.58                  | 14859.671               |          |
| Total          | 56        | 923048.24                  |                         |          |

\* Significant at .05 level

**Table 16** Relationship between the Subjects' Self-study and their English Proficiency

| <b>Descriptive Statistics</b> |        |         |    |
|-------------------------------|--------|---------|----|
|                               | Mean   | SD      | N  |
| Self-study                    | 1.81   | .693    | 57 |
| TOEIC Scores                  | 461.63 | 117.900 | 80 |

  

| <b>Correlations</b> |                     |            |              |
|---------------------|---------------------|------------|--------------|
|                     |                     | Self-study | TOEIC Scores |
| Self-study          | Pearson Correlation | 1          | .293(*)      |
|                     | Sig. (2-tailed)     | .          | .027         |
|                     | N                   | 57         | 57           |
| TOEIC Score         | Pearson Correlation | .293(*)    | 1            |
|                     | Sig. (2-tailed)     | .027       | .            |
|                     | N                   | 57         | 80           |

\* Significant at .05 level

**Table 17** E-mail Writing Activity and English Proficiency

| <b>Frequency in English Use (N = 62)</b> | <b>Average TOEIC Score (Mean)</b> | <b>SD</b> | <b>Proficiency Level</b> | <b>F</b> |
|--|-----------------------------------|-----------|--------------------------|----------|
| Very often<br>N = 2 (3%)                 | 573                               | 116.67    | High<br>Intermediate     |          |
| Often<br>N = 10 (16%)                    | 572                               | 139.63    | High<br>Intermediate     | 3.98 *   |
| Seldom<br>N = 33 (53%)                   | 437                               | 76.09     | Intermediate             |          |
| Never<br>N = 17 (28%)                    | 457                               | 161.63    | Intermediate             |          |

One-way ANOVA for Exposure on E-mail Writing Activity and English Proficiency

| <b>Source</b>  | <b>df</b> | <b>Sum of Squares (SS)</b> | <b>Mean Square (MS)</b> | <b>F</b> |
|----------------|-----------|----------------------------|-------------------------|----------|
| Between Groups | 3         | 163154.28                  | 54384.763               | 3.98*    |
| Within Groups  | 58        | 792329.98                  | 13660.862               |          |
| Total          | 61        | 955484.27                  |                         |          |

\* Significant at .05 level

**Table 18** Relationship between the Subjects' E-mail Writing Activity and their English Proficiency

| <b>Descriptive Statistics</b> |        |         |    |
|-------------------------------|--------|---------|----|
|                               | Mean   | SD      | N  |
| E-mail Writing                | 1.95   | .756    | 62 |
| TOEIC Score                   | 461.63 | 117.900 | 80 |

  

| <b>Correlations</b> |                     |                |             |
|---------------------|---------------------|----------------|-------------|
|                     |                     | E-mail Writing | TOEIC Score |
| E-mail Writing      | Pearson Correlation | 1              | .285(*)     |
|                     | Sig. (2-tailed)     | .              | .025        |
|                     | N                   | 62             | 62          |
| TOEIC Score         | Pearson Correlation | .285(*)        | 1           |
|                     | Sig. (2-tailed)     | .025           | .           |
|                     | N                   | 62             | 80          |

\* Significant at .05 level

**Table 19** Experience on TOEIC and English Language Proficiency

| Experience on TOEIC<br>(N = 80) | TOEIC Score |        | Proficiency<br>Level | t                  |
|---------------------------------|-------------|--------|----------------------|--------------------|
|                                 | Mean        | SD     |                      |                    |
| a) Tutoring Course Experience:  |             |        |                      |                    |
| - Yes (N = 26, 32%)             | 491         | 112.41 | Intermediate         | 1.58 <sup>NS</sup> |
| - No (N = 54, 68%)              | 447         | 118.82 | Intermediate         |                    |
| b) Test Taking Experience:      |             |        |                      |                    |
| - Yes (N = 7, 9%)               | 431         | 96.51  | Intermediate         | -.71 <sup>NS</sup> |
| - No (N = 73, 91%)              | 465         | 119.91 | Intermediate         |                    |

<sup>NS</sup>  
Non-significant

## APPENDIX B

### Subjects' TOEIC Scores

#### TOEIC Listening Scores (N = 80)

| Score        | Frequency | Percent      | Valid Percent | Cumulative Percent |
|--------------|-----------|--------------|---------------|--------------------|
| 120          | 1         | 1.3          | 1.3           | 1.3                |
| 145          | 1         | 1.3          | 1.3           | 2.5                |
| 150          | 2         | 2.5          | 2.5           | 5.0                |
| 165          | 2         | 2.5          | 2.5           | 7.5                |
| 170          | 1         | 1.3          | 1.3           | 8.8                |
| 175          | 3         | 3.8          | 3.8           | 12.5               |
| 185          | 2         | 2.5          | 2.5           | 15.0               |
| 190          | 1         | 1.3          | 1.3           | 16.3               |
| 200          | 2         | 2.5          | 2.5           | 18.8               |
| 205          | 2         | 2.5          | 2.5           | 21.3               |
| 215          | 4         | 5.0          | 5.0           | 26.3               |
| 220          | 2         | 2.5          | 2.5           | 28.8               |
| 225          | 3         | 3.8          | 3.8           | 32.5               |
| 230          | 1         | 1.3          | 1.3           | 33.8               |
| 235          | 2         | 2.5          | 2.5           | 36.3               |
| 240          | 2         | 2.5          | 2.5           | 38.8               |
| 245          | 2         | 2.5          | 2.5           | 41.3               |
| 250          | 3         | 3.8          | 3.8           | 45.0               |
| 255          | 4         | 5.0          | 5.0           | 50.0               |
| 260          | 2         | 2.5          | 2.5           | 52.5               |
| 265          | 5         | 6.3          | 6.3           | 58.8               |
| 270          | 2         | 2.5          | 2.5           | 61.3               |
| 275          | 2         | 2.5          | 2.5           | 63.8               |
| 280          | 1         | 1.3          | 1.3           | 65.0               |
| 285          | 2         | 2.5          | 2.5           | 67.5               |
| 295          | 3         | 3.8          | 3.8           | 71.3               |
| 300          | 1         | 1.3          | 1.3           | 72.5               |
| 305          | 3         | 3.8          | 3.8           | 76.3               |
| 310          | 2         | 2.5          | 2.5           | 78.8               |
| 315          | 2         | 2.5          | 2.5           | 81.3               |
| 320          | 2         | 2.5          | 2.5           | 83.8               |
| 325          | 1         | 1.3          | 1.3           | 85.0               |
| 335          | 1         | 1.3          | 1.3           | 86.3               |
| 345          | 1         | 1.3          | 1.3           | 87.5               |
| 350          | 1         | 1.3          | 1.3           | 88.8               |
| 365          | 1         | 1.3          | 1.3           | 90.0               |
| 370          | 2         | 2.5          | 2.5           | 92.5               |
| 375          | 1         | 1.3          | 1.3           | 93.8               |
| 405          | 1         | 1.3          | 1.3           | 95.0               |
| 430          | 1         | 1.3          | 1.3           | 96.3               |
| 470          | 1         | 1.3          | 1.3           | 97.5               |
| 495          | 1         | 1.3          | 1.3           | 98.8               |
| 515          | 1         | 1.3          | 1.3           | 100.0              |
| <b>Total</b> | <b>80</b> | <b>100.0</b> | <b>100.0</b>  |                    |

**TOEIC Reading Scores (N = 80)**

| <b>Score</b> | <b>Frequency</b> | <b>Percent</b> | <b>Valid Percent</b> | <b>Cumulative Percent</b> |
|--------------|------------------|----------------|----------------------|---------------------------|
| 100          | 1                | 1.3            | 1.3                  | 1.3                       |
| 115          | 2                | 2.5            | 2.5                  | 3.8                       |
| 120          | 1                | 1.3            | 1.3                  | 5.0                       |
| 125          | 5                | 6.3            | 6.3                  | 11.3                      |
| 130          | 2                | 2.5            | 2.5                  | 13.8                      |
| 135          | 2                | 2.5            | 2.5                  | 16.3                      |
| 140          | 1                | 1.3            | 1.3                  | 17.5                      |
| 145          | 6                | 7.5            | 7.5                  | 25.0                      |
| 155          | 1                | 1.3            | 1.3                  | 26.3                      |
| 160          | 1                | 1.3            | 1.3                  | 27.5                      |
| 165          | 3                | 3.8            | 3.8                  | 31.3                      |
| 170          | 1                | 1.3            | 1.3                  | 32.5                      |
| 175          | 2                | 2.5            | 2.5                  | 35.0                      |
| 180          | 8                | 10.0           | 10.0                 | 45.0                      |
| 190          | 1                | 1.3            | 1.3                  | 46.3                      |
| 195          | 3                | 3.8            | 3.8                  | 50.0                      |
| 200          | 1                | 1.3            | 1.3                  | 51.3                      |
| 205          | 6                | 7.5            | 7.5                  | 58.8                      |
| 210          | 2                | 2.5            | 2.5                  | 61.3                      |
| 215          | 2                | 2.5            | 2.5                  | 63.8                      |
| 220          | 6                | 7.5            | 7.5                  | 71.3                      |
| 225          | 2                | 2.5            | 2.5                  | 73.8                      |
| 235          | 3                | 3.8            | 3.8                  | 77.5                      |
| 240          | 2                | 2.5            | 2.5                  | 80.0                      |
| 245          | 1                | 1.3            | 1.3                  | 81.3                      |
| 250          | 2                | 2.5            | 2.5                  | 83.8                      |
| 255          | 3                | 3.8            | 3.8                  | 87.5                      |
| 280          | 1                | 1.3            | 1.3                  | 88.8                      |
| 285          | 1                | 1.3            | 1.3                  | 90.0                      |
| 300          | 2                | 2.5            | 2.5                  | 92.5                      |
| 315          | 3                | 3.8            | 3.8                  | 96.3                      |
| 350          | 1                | 1.3            | 1.3                  | 97.5                      |
| 385          | 1                | 1.3            | 1.3                  | 98.8                      |
| 855          | 1                | 1.3            | 1.3                  | 100.0                     |
| <b>Total</b> | <b>80</b>        | <b>100.0</b>   | <b>100.0</b>         |                           |

**Total TOEIC Scores (N = 80)**

| <b>Total Score</b> | <b>Frequency</b> | <b>Percent</b> | <b>Valid Percent</b> | <b>Cumulative Percent</b> |
|--------------------|------------------|----------------|----------------------|---------------------------|
| 880                | 1                | 1.3            | 1.3                  | 100.0                     |



|       |    |       |       |       |
|-------|----|-------|-------|-------|
| 820   | 1  | 1.3   | 1.3   | 98.8  |
| 720   | 1  | 1.3   | 1.3   | 97.5  |
| 675   | 1  | 1.3   | 1.3   | 96.3  |
| 670   | 1  | 1.3   | 1.3   | 95.0  |
| 655   | 1  | 1.3   | 1.3   | 93.8  |
| 630   | 1  | 1.3   | 1.3   | 92.5  |
| 620   | 1  | 1.3   | 1.3   | 91.3  |
| 590   | 1  | 1.3   | 1.3   | 90.0  |
| 585   | 1  | 1.3   | 1.3   | 88.8  |
| 580   | 1  | 1.3   | 1.3   | 87.5  |
| 565   | 1  | 1.3   | 1.3   | 86.3  |
| 560   | 2  | 2.5   | 2.5   | 85.0  |
| 545   | 2  | 2.5   | 2.5   | 82.5  |
| 525   | 3  | 3.8   | 3.8   | 80.0  |
| 520   | 3  | 3.8   | 3.8   | 76.3  |
| 515   | 1  | 1.3   | 1.3   | 72.5  |
| 510   | 1  | 1.3   | 1.3   | 71.3  |
| 500   | 3  | 3.8   | 3.8   | 70.0  |
| 495   | 1  | 1.3   | 1.3   | 66.3  |
| 490   | 1  | 1.3   | 1.3   | 65.0  |
| 485   | 1  | 1.3   | 1.3   | 63.8  |
| 475   | 1  | 1.3   | 1.3   | 62.5  |
| 470   | 2  | 2.5   | 2.5   | 61.3  |
| 465   | 2  | 2.5   | 2.5   | 58.8  |
| 460   | 2  | 2.5   | 2.5   | 56.3  |
| 455   | 3  | 3.8   | 3.8   | 53.8  |
| 450   | 1  | 1.3   | 1.3   | 50.0  |
| 445   | 2  | 2.5   | 2.5   | 48.8  |
| 440   | 1  | 1.3   | 1.3   | 46.3  |
| 435   | 1  | 1.3   | 1.3   | 45.0  |
| 430   | 3  | 3.8   | 3.8   | 43.8  |
| 425   | 1  | 1.3   | 1.3   | 40.0  |
| 420   | 2  | 2.5   | 2.5   | 38.8  |
| 415   | 3  | 3.8   | 3.8   | 36.3  |
| 405   | 1  | 1.3   | 1.3   | 32.5  |
| 395   | 4  | 5.0   | 5.0   | 31.3  |
| 390   | 2  | 2.5   | 2.5   | 26.3  |
| 385   | 2  | 2.5   | 2.5   | 23.8  |
| 370   | 1  | 1.3   | 1.3   | 21.3  |
| 365   | 1  | 1.3   | 1.3   | 20.0  |
| 350   | 1  | 1.3   | 1.3   | 18.8  |
| 345   | 1  | 1.3   | 1.3   | 17.5  |
| 345   | 1  | 1.3   | 1.3   | 17.5  |
| 340   | 2  | 2.5   | 2.5   | 16.3  |
| 335   | 1  | 1.3   | 1.3   | 13.8  |
| 330   | 1  | 1.3   | 1.3   | 12.5  |
| 325   | 1  | 1.3   | 1.3   | 11.3  |
| 315   | 1  | 1.3   | 1.3   | 10.0  |
| 310   | 1  | 1.3   | 1.3   | 8.8   |
| 300   | 2  | 2.5   | 2.5   | 7.5   |
| 290   | 2  | 2.5   | 2.5   | 5.0   |
| 265   | 1  | 1.3   | 1.3   | 2.5   |
| 250   | 1  | 1.3   | 1.3   | 1.3   |
| Total | 80 | 100.0 | 100.0 | Total |

## APPENDIX C

### QUESTIONNAIRE

#### PART 1 General Information

**Direction:** Please tick ( ✓ ) in the appropriate box and give a written answer for the information below that identifies yourself.

#### A) General Background

1. Name.....

2. Gender                       Male                       Female

3. Faculty of Management Science, Major:

.....

in the fourth-year of Study.

4. After completing my Bachelor's degree, I am planning to: (only *one* answer)

Further study

Find a job

#### B) English Language Learning Background

5. I have been learning English since:

Kindergarten

Secondary/High School

Primary School

Others (please specify) .....

6. I have been abroad or visited an English speaking country before:

Yes.

No.

7. In PSU, I got       A       B, B+       C, C+       D, D+      in FE I

and       A       B, B+       C, C+       D, D+      in FE II.

8. In this second semester, the English course/s that I am studying (besides FE I and FE II) is/are:

(1) .....because I: (-you can choose *more than one item-*)

- like the English language
- want to improve my English subject grade/s
- was required to study English subjects by my family
- want to use the English knowledge obtained in my career
- want to develop English language skills
- want to follow my friend/s' studying
- Others (please specify) .....

(2) .....because I: (-you can choose *more than one item-*)

- like the English language
- want to improve my English subject grade/s
- was required to study English subjects by my family
- want to use the English knowledge obtained in my career
- want to develop English language skills
- want to follow my friend/s' studying
- Others (please specify) .....

(3) .....because I: (-you can choose *more than one item-*)

- like the English language
- want to improve my English subject grade/s
- was required to study English subjects by my family
- want to use the English knowledge obtained in my career
- want to develop English language skills
- want to follow my friend/s' studying
- Others (please specify) .....

9. Besides FEI and FEII which are compulsory courses in the Faculty of Management Sciences, I have taken the following number of elective English language subject/s (including the course/s written in No. 8):

- 1 course                       2 courses                       3 courses                       4

courses

- more than 4 courses     none

which is/are: 1) .....

2) .....

3)

.....

4) .....

5) .....

**Direction:** Please tick ( ✓ ) in the appropriate box and give a written answer for the information in item number 10 and 11

Very often = everyday / many times per week  
 Often = one time per week / many times per month  
 Seldom = one time per month  
 Never = not at all

|  | <i>Very often</i>        | <i>Often</i>             | <i>Seldom</i>            | <i>Never</i>             |
|--|--------------------------|--------------------------|--------------------------|--------------------------|
| 10. In my free time, I like doing the following activities: (-you can choose <i>more than</i> one item-) |                          |                          |                          |                          |
| - Using English with English-speaking friends  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - Searching for information from the Internet  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - Seeing English soundtrack movies   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - Listening to English news/songs  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - Playing computer games   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - Watching English TV programmes   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - Self-studying from other sources (e.g. library, self-access centre)                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - Reading newspapers/magazines/novels  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - Writing e-mails in English   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - Using English with family members  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

11. I took a TOEIC tutoring course before taking the recent TOEIC test:

Yes.  No.

12. I have taken the TOEIC test/s before January 30 and 31, and February 1, 2006:

Yes.  No.

13. I got the TOEIC score result at this time (January 30, 31, and February 1, 2006)

of: Listening = ..... Reading = ..... **Total** = ..... / 990.

## PART 2 Motivation and Motivational Variables in English Language Learning

**Direction:** Please tick ( ✓ ) in the appropriate box.

| Statements   | Strongly Disagree<br>1 | Disagree<br>2 | Neutral<br>3 | Agree<br>4 | Strongly Agree<br>5 |
|--|------------------------|---------------|--------------|------------|---------------------|
| 14. English is the number-one international language.  |                        |               |              |            |                     |
| 15. English is an interesting subject.   |                        |               |              |            |                     |
| 16. English is an important subject.   |                        |               |              |            |                     |
| 17. Learning English is a waste of time.   |                        |               |              |            |                     |
| 18. English is most useful in the information technology age.  |                        |               |              |            |                     |
| 19. I think English-language proficiency facilitates English studying and further study.   |                        |               |              |            |                     |
| 20. I think people who have English language proficiency have more job opportunities than those who lack English language proficiency. |                        |               |              |            |                     |
| 21. I learn English because of my future career advancement.   |                        |               |              |            |                     |
| 22. The people with English language proficiency are valued by society.  |                        |               |              |            |                     |
| 23. I don't like studying English.   |                        |               |              |            |                     |
| 24. I would like to visit native English speaking countries.   |                        |               |              |            |                     |
| 25. I am interested in the native speakers' way of life.   |                        |               |              |            |                     |
| 26. I admire the arts, the culture, and the literature of the native English speaking countries.                                       |                        |               |              |            |                     |
| 27. I would like to have native speaker friends for practicing the English language.   |                        |               |              |            |                     |
| 28. I think English is not necessary to me.  |                        |               |              |            |                     |
| 29. <i>Not being able to speak English</i> will not make my life difficult.  |                        |               |              |            |                     |
| 30. I think knowing English will make me lose my Thai identity.  |                        |               |              |            |                     |
| 31. I get anxious about speaking English with foreigners.  |                        |               |              |            |                     |
| 32. I feel shy to speak English with a teacher in the English class.   |                        |               |              |            |                     |

| <b>Statements</b>   | <b>Strongly<br/>Disagree</b> | <b>Disagree</b> | <b>Neutral</b> | <b>Agree</b> | <b>Strongly<br/>Agree</b> |
|---|------------------------------|-----------------|----------------|--------------|---------------------------|
|   | <b>1</b>                     | <b>2</b>        | <b>3</b>       | <b>4</b>     | <b>5</b>                  |
| 33. I always feel that my classmates are better at English than I am.                     |                              |                 |                |              |                           |
| 34. I am afraid my classmates will laugh at me when I speak English in the classroom.     |                              |                 |                |              |                           |
| 35. I feel more tense and nervous in the English class than any other classes.            |                              |                 |                |              |                           |
| 36. I always worry about English examinations.  |                              |                 |                |              |                           |
| 37. My parent/s really encourage me to take additional English courses outside the class. |                              |                 |                |              |                           |
| 38. My parent/s always tell me about the significance of the English language.            |                              |                 |                |              |                           |

\*\*\* Thank you for your cooperation \*\*\*

## APPENDIX D

## แบบสอบถามสำหรับการวิจัย

## ส่วนที่ 1 ข้อมูลทั่วไป

**คำชี้แจง** ทำเครื่องหมายถูก ( ✓ ) ในช่องสี่เหลี่ยมหน้าข้อความและเติมข้อความในช่องว่างตาม  
 ค ว า ม เ ป็ น  
 จริงทุกข้อ

## ก. ประวัติส่วนตัว

1. ชื่อ.....
2. เพศ  ชาย  หญิง
3. คณะวิทยาการจัดการ สาขา ..... ชั้นปีที่ 4

4. (โปรดเลือกเพียง 1 คำตอบ) หลังจากสำเร็จการศึกษาในระดับปริญญาตรีแล้ว ข้าพเจ้าต้องการที่จะ
  - ศึกษาต่อ
  - ทำงานทำ

## ข. ประวัติการเรียนภาษาอังกฤษ

5. ข้าพเจ้าเริ่มเรียนภาษาอังกฤษตั้งแต่ระดับชั้น
  - อนุบาล  ประถม  มัธยม  อื่นๆ (โปรดระบุ) .....
6. ข้าพเจ้าเคยไปประเทศที่ต้องใช้ภาษาอังกฤษในการสื่อสาร
  - เคยไป  ไม่เคยไป

7. ขณะศึกษาอยู่ที่ม.อ.ข้าพเจ้าผ่านวิชา

FE I ด้วยเกรด  A  B, B+  C, C+  D, D+

และวิชา FE II ด้วยเกรด  A  B, B+  C, C+  D, D+

8. วิชาภาษาอังกฤษที่ข้าพเจ้าเรียนในชั้นเรียนในปัจจุบันของภาคเรียนที่ 2 นี้ (นอกเหนือจาก FE I และ

FE II) คือ

(1) ..... เพราะ (-ตอบได้มากกว่า 1 ข้อ -)

- ชอบภาษาอังกฤษ
- อยากให้เกรดวิชาภาษาอังกฤษดีขึ้น
- ครอบครัวต้องการให้เรียน

- ต้องการนำผลคะแนนไปใช้สมัครงาน
- ต้องการพัฒนาทักษะทางภาษาอังกฤษ
- เรียนตามเพื่อน
- อื่นๆ (โปรดระบุ) .....

(2) ..... เพราะ (-ตอบได้มากกว่า 1 ข้อ -)

- ชอบภาษาอังกฤษ
- อยากให้เกรดวิชาภาษาอังกฤษดีขึ้น
- ครอบครัวต้องการให้เรียน
- ต้องการนำผลคะแนนไปใช้สมัครงาน
- ต้องการพัฒนาทักษะทางภาษาอังกฤษ
- เรียนตามเพื่อน
- อื่นๆ (โปรดระบุ) .....

(3) ..... เพราะ (-ตอบได้มากกว่า 1 ข้อ -)



- ชอบภาษาอังกฤษ
- อยากให้เกรดวิชาภาษาอังกฤษดีขึ้น
- ครอบครัวต้องการให้เรียน
- ต้องการนำผลคะแนนไปใช้สมัครงาน
- ต้องการพัฒนาทักษะทางภาษาอังกฤษ
- เรียนตามเพื่อน
- อื่นๆ (โปรดระบุ) .....

9. หากไม่นับรายวิชาบังคับ (เช่น FE I และ FE II) ตามหลักสูตรของคณะวิทยาการจัดการ  
เข้าไปได้

ลงเรียนรายวิชาภาษาอังกฤษ (รวม วิชาที่ได้ระบุไว้ในข้อ 8 ด้วย) อื่นๆ อีก –

- 1 รายวิชา       2 รายวิชา       3 รายวิชา       4 รายวิชา
- มากกว่า 4 รายวิชา       ไม่ได้ลงเลย

คือ 1) .....

2) .....

3) .....

4) .....

5) .....

คำชี้แจง จากข้อ 13-14 ทำเครื่องหมายถูก ( ✓ ) ในช่องสี่เหลี่ยมที่ตรงกับข้อเท็จจริง

บ่อยมาก      =      ทุกๆวัน/หลายครั้งต่อสัปดาห์

บ่อย = อาทิตย์ละครั้ง/หลายครั้งต่อเดือน  
 นานๆครั้ง = เดือนละครั้ง  
 ไม่เคย = ไม่เคย

|   | บ่อยมาก                  | บ่อย                     | นานๆครั้ง                | ไม่<br>เคย               |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
| 10. ยามว่างข้าพเจ้าชอบทำกิจกรรมต่อไปนี้<br>(-ตอบได้มากกว่า 1 ข้อ -)   |                          |                          |                          |                          |
| - ใช้ภาษาอังกฤษกับเพื่อนชาวต่างชาติ                                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - ค้นหาข้อมูลทางอินเทอร์เน็ต  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - ชมภาพยนตร์เสียงในฟิล์มเป็นภาษาอังกฤษ                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - ฟังข่าววิทยุ/เพลงภาษาอังกฤษ   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - เล่นเกมส์คอมพิวเตอร์ที่ใช้ภาษาอังกฤษ                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - ดูรายการ โทรทัศน์ภาษาอังกฤษ   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - เรียนภาษาอังกฤษจากแหล่งอื่นๆ<br>(เช่น ห้องสมุด, Self-access Centre) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - อ่านหนังสือพิมพ์/นิตยสาร/นิยาย ภาษาอังกฤษ                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - เขียนอีเมลเป็นภาษาอังกฤษ  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| - ใช้ภาษาอังกฤษกับสมาชิกในครอบครัว                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

11. ข้าพเจ้าเคยเรียน TOEIC มาก่อนการสอบ ครั้งนี้ หรือไม่

เคย  ไม่เคย

12. ข้าพเจ้าเคยสอบ TOEIC มาก่อนสอบครั้งนี้ (30, 31 ม.ค. และ 1 ก.พ. 2549) หรือไม่

เคย  ไม่เคย

13. ข้าพเจ้าได้คะแนนสอบ TOEIC ครั้งนี้ (30, 31 ม.ค. และ 1 ก.พ. 2549)

การฟัง = ..... การอ่าน = ..... รวม = ..... / 990 คะแนน

**ส่วนที่ 2 แรงจูงใจและปัจจัยต่อแรงจูงใจในการเรียนภาษาอังกฤษ**

**คำชี้แจง** จี๊ดเครื่องหมายถูก ( ✓ ) ในช่องวงกลมตามความเป็นจริง

| ข้อความ  | ไม่เห็น<br>ด้วย<br>อย่างยิ่ง<br>1 | ไม่<br>เห็น<br>ด้วย<br>2 | ปาน<br>กลาง<br>3 | เห็น<br>ด้วย<br>4 | เห็น<br>ด้วย<br>อย่าง<br>ยิ่ง<br>5 |
|--|-----------------------------------|--------------------------|------------------|-------------------|------------------------------------|
| 14. ภาษาอังกฤษเป็นภาษาสากลอันดับหนึ่งที่ใช้กันทั่วโลก                          |                                   |                          |                  |                   |                                    |
| 15. ภาษาอังกฤษเป็นวิชาหนึ่งที่ข้าพเจ้าสนใจ                                     |                                   |                          |                  |                   |                                    |
| 16. ภาษาอังกฤษเป็นวิชาที่สำคัญวิชาหนึ่ง  |                                   |                          |                  |                   |                                    |
| 17. การเรียนภาษาอังกฤษทำให้เสียเวลาโดยเปล่าประโยชน์                            |                                   |                          |                  |                   |                                    |
| 18. ภาษาอังกฤษมีประโยชน์ที่สุดในยุคสังคมข่าวสาร                                |                                   |                          |                  |                   |                                    |
| 19. ข้าพเจ้าคิดว่าความสามารถด้านภาษาอังกฤษช่วยในการเรียนและศึกษา<br>ต่อ        |                                   |                          |                  |                   |                                    |
| 20. ข้าพเจ้าคิดว่าคนที่มีความสามารถด้านภาษาอังกฤษมีโอกาสหางานทำได้<br>ง่ายกว่า |                                   |                          |                  |                   |                                    |

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| คนที่ไม่มีความสามารถทางภาษาอังกฤษ   |  |  |  |  |  |
| 21. ข้าพเจ้าเรียนภาษาอังกฤษเพื่อจะได้มีความก้าวหน้าในอาชีพการงาน            |  |  |  |  |  |
| 22. สังคมยกย่องผู้มีความรู้ความสามารถด้านภาษาอังกฤษ                         |  |  |  |  |  |
| 23. ข้าพเจ้าไม่ชอบเรียนภาษาอังกฤษ   |  |  |  |  |  |
| 24. ข้าพเจ้าอยากไปเที่ยวประเทศที่ใช้ภาษาอังกฤษ                              |  |  |  |  |  |
| 25. ข้าพเจ้าอยากรู้เกี่ยวกับการดำเนินชีวิตของผู้คนในประเทศที่ใช้ภาษาอังกฤษ  |  |  |  |  |  |
| 26. ข้าพเจ้าชื่นชมศิลปะ วัฒนธรรมและวรรณคดีของประเทศที่ใช้ภาษาอังกฤษ         |  |  |  |  |  |
| 27. ข้าพเจ้าอยากมีเพื่อนที่ใช้ภาษาอังกฤษเป็นภาษาหลักเพื่อจะได้ฝึกภาษาอังกฤษ |  |  |  |  |  |
| 28. ข้าพเจ้าคิดว่าภาษาอังกฤษไม่จำเป็นสำหรับข้าพเจ้า                         |  |  |  |  |  |
| 29. ข้าพเจ้าไม่รู้สึกกังวลเลยหากพูดภาษาอังกฤษไม่ได้                         |  |  |  |  |  |
| 30. ข้าพเจ้าคิดว่าความรู้ภาษาอังกฤษทำให้สูญเสียความเป็นไทย                  |  |  |  |  |  |
| 31. ข้าพเจ้ารู้สึกกังวลเมื่อต้องพูดภาษาอังกฤษกับชาวต่างชาติ                 |  |  |  |  |  |
| 32. ข้าพเจ้ารู้สึกอายที่จะพูดภาษาอังกฤษกับอาจารย์ในชั้นเรียน                |  |  |  |  |  |

|         |                              |                     |                  |                   |                               |
|---------|------------------------------|---------------------|------------------|-------------------|-------------------------------|
| ข้อความ | ไม่เห็น<br>ด้วย<br>อย่างยิ่ง | ไม่<br>เห็น<br>ด้วย | ปาน<br>กลาง<br>3 | เห็น<br>ด้วย<br>4 | เห็น<br>ด้วย<br>อย่าง<br>ยิ่ง |
|---------|------------------------------|---------------------|------------------|-------------------|-------------------------------|

|  | 1 | 2 |  |  | 5 |
|--|---|---|--|--|---|
| 33. ข้าพเจ้ารู้สึกอยู่เสมอว่าเพื่อนคนอื่นๆ เก่งภาษาอังกฤษมากกว่าข้าพเจ้า                         |   |   |  |  |   |
| 34. ข้าพเจ้าเกรงว่าเพื่อนๆ จะหัวเราะเยาะหากข้าพเจ้าพูดภาษาอังกฤษในห้องเรียน                      |   |   |  |  |   |
| 35. ข้าพเจ้ารู้สึกเครียดและกังวลกับวิชาภาษาอังกฤษมากกว่าวิชาอื่นๆ                                |   |   |  |  |   |
| 36. ข้าพเจ้ารู้สึกกังวลทุกครั้งที่มีการสอบวิชาภาษาอังกฤษ   |   |   |  |  |   |
| 37. ครอบครัวของข้าพเจ้าส่งเสริมให้ข้าพเจ้าเรียนภาษาอังกฤษเพิ่มเติมนอกเหนือจากการเรียนในชั้นเรียน |   |   |  |  |   |
| 38. ครอบครัวของข้าพเจ้าพูดถึงความสำคัญของภาษาอังกฤษให้ข้าพเจ้าฟังอยู่เสมอ                        |   |   |  |  |   |

\*\*\* ขอขอบคุณในความ

## APPENDIX E

### Reliability of the Questionnaire

\*\* Method 1 (space saver) will be used for this analysis \*\*\*\*

—  
RELIABILITY ANALYSIS - SCALE (ALPHA)

1. A26
2. A27
3. A28
4. A29\_1
5. A30
6. A31
7. A32
8. A33
9. A35
10. A36\_1
11. A37
12. A38
13. A39
14. A40
15. A41\_1
16. A43\_1
17. A45\_1
18. A46\_1
19. A47\_1
20. A48\_1
21. A49\_1
22. A51\_1
23. A52\_1
24. A53
25. A56

—  
RELIABILITY ANALYSIS - SCALE (ALPHA)

|          | Mean   | Std Dev | Cases |
|----------|--------|---------|-------|
| 1. A26   | 4.6625 | .6353   | 80.0  |
| 2. A27   | 4.2125 | .6879   | 80.0  |
| 3. A28   | 4.5500 | .6917   | 80.0  |
| 4. A29_1 | 4.4625 | .9801   | 80.0  |
| 5. A30   | 4.3750 | .7855   | 80.0  |

|     |       |        |       |      |
|-----|-------|--------|-------|------|
| 6.  | A31   | 4.5500 | .7779 | 80.0 |
| 7.  | A32   | 4.5250 | .7627 | 80.0 |
| 8.  | A33   | 4.4750 | .7627 | 80.0 |
| 9.  | A35   | 3.8500 | .9560 | 80.0 |
| 10. | A36_1 | 4.1125 | .9936 | 80.0 |
| 11. | A37   | 4.3500 | .8873 | 80.0 |
| 12. | A38   | 3.9375 | .8619 | 80.0 |

|     |       |        |        |      |
|-----|-------|--------|--------|------|
| 13. | A39   | 3.6000 | .7564  | 80.0 |
| 14. | A40   | 4.2125 | .8670  | 80.0 |
| 15. | A41_1 | 4.6750 | .7425  | 80.0 |
| 16. | A43_1 | 4.1125 | 1.0791 | 80.0 |
| 17. | A45_1 | 4.4375 | .7264  | 80.0 |
| 18. | A46_1 | 2.9250 | .9517  | 80.0 |
| 19. | A47_1 | 3.3750 | 1.1180 | 80.0 |
| 20. | A48_1 | 2.7500 | .9346  | 80.0 |
| 21. | A49_1 | 3.7125 | .8743  | 80.0 |
| 22. | A51_1 | 3.3375 | 1.1017 | 80.0 |
| 23. | A52_1 | 3.2500 | 1.1081 | 80.0 |
| 24. | A53   | 3.6750 | 1.0406 | 80.0 |
| 25. | A56   | 3.1250 | 1.1405 | 80.0 |

|                |         |          |         |                  |
|----------------|---------|----------|---------|------------------|
| Statistics for | Mean    | Variance | Std Dev | No. of Variables |
| SCALE          | 99.2500 | 107.8608 | 10.3856 | 25               |

RELIABILITY ANALYSIS - SCALE (ALPHA)

Item-total Statistics

|       | Scale   | Scale    | Corrected   | Alpha   |
|-------|---------|----------|-------------|---------|
|       | Mean    | Variance | Item-       | if Item |
|       | if Item | if Item  | Total       | if Item |
|       | Deleted | Deleted  | Correlation | Deleted |
| A26   | 94.5875 | 100.1188 | .5772       | .8359   |
| A27   | 95.0375 | 99.2771  | .5916       | .8349   |
| A28   | 94.7000 | 100.1114 | .5253       | .8367   |
| A29_1 | 94.7875 | 101.0049 | .2992       | .8435   |
| A30   | 94.8750 | 100.8449 | .4056       | .8396   |
| A31   | 94.7000 | 99.4785  | .5012       | .8367   |
| A32   | 94.7250 | 100.3285 | .4549       | .8382   |
| A33   | 94.7750 | 98.7335  | .5638       | .8349   |
| A35   | 95.4000 | 99.8886  | .3694       | .8408   |
| A36_1 | 95.1375 | 98.6264  | .4179       | .8389   |
| A37   | 94.9000 | 98.6734  | .4765       | .8369   |
| A38   | 95.3125 | 98.9771  | .4747       | .8371   |
| A39   | 95.6500 | 101.8253 | .3579       | .8411   |
| A40   | 95.0375 | 98.5429  | .4976       | .8363   |
| A41_1 | 94.5750 | 97.9690  | .6355       | .8329   |
| A43_1 | 95.1375 | 100.6771 | .2780       | .8450   |
| A45_1 | 94.8125 | 102.0530 | .3598       | .8411   |
| A46_1 | 96.3250 | 102.8297 | .2137       | .8465   |
| A47_1 | 95.8750 | 99.7816  | .3057       | .8441   |
| A48_1 | 96.5000 | 101.5949 | .2862       | .8438   |
| A49_1 | 95.5375 | 100.1505 | .3969       | .8397   |
| A51_1 | 95.9125 | 99.1188  | .3432       | .8424   |