**Appendix 1.**

**The Result of Pretest for Experimental Class**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NO** | **NAME** | **SCORE** | | | **STUDENTS’ SCORE** | | | **TOTAL**  **SCORE** |
| A | F | C | A | F | C |
| 1 | ASQ | 3 | 4 | 3 | 120 | 80 | 120 | **53** |
| 2 | AZM | 4 | 4 | 4 | 160 | 80 | 160 | **67** |
| 3 | AF | 4 | 4 | 5 | 160 | 80 | 200 | **73** |
| 4 | BM | 4 | 5 | 4 | 160 | 100 | 160 | **70** |
| 5 | CE | 3 | 3 | 3 | 120 | 60 | 120 | **50** |
| 6 | DLS | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 7 | EF | 4 | 5 | 4 | 160 | 100 | 160 | **70** |
| 8 | ES | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 9 | FMN | 3 | 4 | 3 | 120 | 80 | 120 | **53** |
| 10 | HLS | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 11 | IM | 3 | 4 | 3 | 120 | 80 | 120 | **53** |
| 12 | IUD. | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 13 | IMU | 4 | 4 | 5 | 160 | 80 | 200 | **73** |
| 14 | JN | 3 | 3 | 3 | 120 | 60 | 120 | **50** |
| 15 | KA | 3 | 4 | 3 | 120 | 80 | 120 | **53** |
| 16 | MA | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 17 | MO | 4 | 5 | 4 | 160 | 100 | 160 | **70** |
| 18 | MBK | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 19 | MHM | 2 | 2 | 3 | 80 | 40 | 120 | **40** |
| 20 | MF | 4 | 5 | 4 | 160 | 100 | 160 | **70** |
| 21 | NIF | 3 | 3 | 3 | 120 | 60 | 120 | **50** |
| 22 | NA | 3 | 2 | 3 | 120 | 40 | 120 | **47** |
| 23 | NSPN | 3 | 3 | 3 | 120 | 60 | 120 | **50** |
| 24 | RAS | 2 | 3 | 2 | 80 | 60 | 80 | **37** |
| 25 | RAA | 4 | 5 | 4 | 160 | 100 | 160 | **70** |
| 26 | RN | 3 | 4 | 3 | 120 | 80 | 120 | **53** |
| 27 | RA | 2 | 2 | 3 | 80 | 40 | 120 | **40** |
| 28 | SA | 4 | 3 | 4 | 160 | 60 | 160 | **63** |
| 29 | TNK | 2 | 2 | 3 | 80 | 40 | 120 | **40** |
| 30 | WS | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 31 | ZSZ | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 32 | ZAT | 3 | 4 | 3 | 120 | 80 | 120 | **53** |
| **TOTAL** | | | | | **1813** | | | |
| **AVERAGE** | | | | | **56.6563** | | | |

**Note:**

- **A :** Accuracy (multiplied by 40)

- **F :** Fluency (multiplied by 20)

- **C :** Comprehensibility (multiplied by 40)

**- The students' total score :**

∑ (Score x Weight)

 X 100

600

**Appendix 2.**

**The Result of Pretest for Control Class**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NO** | **NAME** | **SCORE** | | | **STUDENTS’ SCORE** | | | **TOTAL**  **SCORE** |
| A | F | C | A | F | C |
| 1 | ABZ | 3 | 3 | 3 | 120 | 60 | 120 | **50** |
| 2 | AFR | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 3 | AA | 4 | 4 | 5 | 160 | 80 | 200 | **73** |
| 4 | ADF | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 5 | CL | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 6 | DMD | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 7 | DIP | 4 | 4 | 5 | 160 | 80 | 200 | **73** |
| 8 | EC | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 9 | FAF | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 10 | FKR | 2 | 3 | 3 | 80 | 60 | 120 | **43** |
| 11 | HW | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 12 | HS | 3 | 4 | 3 | 120 | 80 | 120 | **53** |
| 13 | HF | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 14 | INH | 2 | 2 | 2 | 80 | 40 | 80 | **33** |
| 15 | II | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 16 | KRS | 3 | 3 | 3 | 120 | 60 | 120 | **50** |
| 17 | LN | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 18 | LF | 3 | 3 | 3 | 120 | 60 | 120 | **50** |
| 19 | LS | 4 | 5 | 4 | 160 | 100 | 160 | **70** |
| 20 | MAL | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 21 | MBN | 3 | 2 | 3 | 120 | 40 | 120 | **47** |
| 22 | MUS | 3 | 3 | 3 | 120 | 60 | 120 | **50** |
| 23 | MJ | 2 | 2 | 2 | 80 | 40 | 80 | **33** |
| 24 | MZ | 4 | 5 | 4 | 160 | 100 | 160 | **70** |
| 25 | MH | 3 | 4 | 3 | 120 | 80 | 120 | **53** |
| 26 | NI | 2 | 2 | 3 | 80 | 40 | 120 | **40** |
| 27 | RLA | 3 | 3 | 3 | 120 | 60 | 120 | **50** |
| 28 | RA | 2 | 2 | 3 | 80 | 40 | 120 | **40** |
| 29 | SNA | 3 | 3 | 3 | 120 | 60 | 120 | **50** |
| 30 | SNK | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 31 | SZA | 3 | 4 | 3 | 120 | 80 | 120 | **53** |
| 32 | TRH | 3 | 3 | 3 | 120 | 60 | 120 | **50** |
| 33 | UM | 4 | 4 | 5 | 160 | 80 | 200 | **73** |
| 34 | UH | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 35 | WWN | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 36 | WO | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| **TOTAL** | | | | | **1977** | | | |
| **AVERAGE** | | | | | **54.9167** | | | |

**Appendix 3.**

**The Result of Posttest for the Experimental Class**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NO** | **NAME** | **SCORE** | | | **STUDENTS’ SCORE** | | | **TOTAL**  **SCORE** |
| A | F | C | A | F | C |
| 1 | ASQ | 4 | 4 | 4 | 160 | 80 | 160 | **67** |
| 2 | AZM | 4 | 5 | 5 | 160 | 100 | 200 | **77** |
| 3 | AF | 5 | 6 | 5 | 200 | 120 | 200 | **87** |
| 4 | BM | 5 | 5 | 5 | 200 | 100 | 200 | **83** |
| 5 | CE | 4 | 3 | 4 | 160 | 60 | 160 | **63** |
| 6 | DLS | 4 | 4 | 5 | 160 | 80 | 200 | **73** |
| 7 | EF | 5 | 4 | 5 | 200 | 80 | 200 | **80** |
| 8 | ES | 4 | 4 | 4 | 160 | 80 | 160 | **67** |
| 9 | FMN | 4 | 4 | 4 | 160 | 80 | 160 | **67** |
| 10 | HLS | 4 | 4 | 4 | 160 | 80 | 160 | **67** |
| 11 | IM | 4 | 3 | 4 | 160 | 60 | 160 | **63** |
| 12 | IUD. | 4 | 4 | 5 | 160 | 80 | 200 | **73** |
| 13 | IMU | 5 | 6 | 5 | 200 | 120 | 200 | **87** |
| 14 | JN | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 15 | KA | 4 | 4 | 4 | 160 | 80 | 160 | **67** |
| 16 | MA | 4 | 4 | 4 | 160 | 80 | 160 | **67** |
| 17 | MO | 5 | 5 | 5 | 200 | 100 | 200 | **83** |
| 18 | MBK | 4 | 4 | 4 | 160 | 80 | 160 | **67** |
| 19 | MHM | 3 | 4 | 3 | 120 | 80 | 120 | **53** |
| 20 | MF | 5 | 5 | 5 | 200 | 100 | 200 | **83** |
| 21 | NIF | 4 | 3 | 4 | 160 | 60 | 160 | **63** |
| 22 | NA | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 23 | NSPN | 4 | 3 | 4 | 160 | 60 | 160 | **63** |
| 24 | RAS | 3 | 2 | 3 | 120 | 40 | 120 | **47** |
| 25 | RAA | 5 | 4 | 5 | 200 | 80 | 200 | **80** |
| 26 | RN | 4 | 3 | 4 | 160 | 60 | 160 | **63** |
| 27 | RA | 3 | 4 | 3 | 120 | 80 | 120 | **53** |
| 28 | SA | 4 | 5 | 5 | 160 | 100 | 200 | **77** |
| 29 | TNK | 3 | 3 | 3 | 120 | 60 | 120 | **50** |
| 30 | WS | 4 | 5 | 4 | 160 | 100 | 160 | **70** |
| 31 | ZSZ | 4 | 4 | 4 | 160 | 80 | 160 | **67** |
| 32 | ZAT | 4 | 4 | 5 | 160 | 80 | 200 | **73** |
| **TOTAL** | | | | | **2197** | | | |
| **AVERAGE** | | | | | **68.6562** | | | |

**Appendix 4.**

**The Result of Posttest for the Control Class**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NO** | **NAME** | **SCORE** | | | **STUDENTS’ SCORE** | | | **TOTAL**  **SCORE** |
| A | F | C | A | F | C |
| 1 | ABZ | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 2 | AFR | 4 | 4 | 4 | 160 | 80 | 160 | **67** |
| 3 | AA | 5 | 4 | 5 | 200 | 80 | 200 | **80** |
| 4 | ADF | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 5 | CL | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 6 | DMD | 4 | 5 | 4 | 160 | 100 | 160 | **70** |
| 7 | DIP | 4 | 4 | 4 | 160 | 80 | 160 | **67** |
| 8 | EC | 4 | 5 | 4 | 160 | 100 | 160 | **70** |
| 9 | FAF | 4 | 4 | 4 | 160 | 80 | 160 | **67** |
| 10 | FKR | 3 | 4 | 3 | 120 | 80 | 120 | **53** |
| 11 | HW | 4 | 4 | 5 | 160 | 80 | 200 | **73** |
| 12 | HS | 4 | 3 | 4 | 160 | 60 | 160 | **63** |
| 13 | HF | 4 | 5 | 4 | 160 | 100 | 160 | **70** |
| 14 | INH | 2 | 3 | 3 | 80 | 60 | 120 | **43** |
| 15 | II | 4 | 3 | 4 | 160 | 60 | 160 | **63** |
| 16 | KRS | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 17 | LN | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 18 | LF | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 19 | LS | 4 | 5 | 4 | 160 | 100 | 160 | **70** |
| 20 | MAL | 4 | 4 | 4 | 160 | 80 | 160 | **67** |
| 21 | MBN | 3 | 3 | 4 | 120 | 60 | 160 | **57** |
| 22 | MUS | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 23 | MJ | 2 | 2 | 3 | 80 | 40 | 120 | **40** |
| 24 | MZ | 4 | 5 | 4 | 160 | 100 | 160 | **70** |
| 25 | MH | 4 | 3 | 4 | 160 | 60 | 160 | **63** |
| 26 | NI | 3 | 4 | 3 | 120 | 80 | 120 | **53** |
| 27 | RLA | 4 | 3 | 4 | 160 | 60 | 160 | **63** |
| 28 | RA | 3 | 3 | 3 | 120 | 60 | 120 | **50** |
| 29 | SNA | 3 | 4 | 3 | 120 | 80 | 120 | **53** |
| 30 | SNK | 4 | 5 | 4 | 160 | 100 | 160 | **70** |
| 31 | SZA | 4 | 3 | 4 | 160 | 60 | 160 | **63** |
| 32 | TRH | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 33 | UM | 5 | 4 | 5 | 200 | 80 | 200 | **80** |
| 34 | UH | 4 | 4 | 4 | 160 | 80 | 160 | **67** |
| 35 | WWN | 3 | 4 | 4 | 120 | 80 | 160 | **60** |
| 36 | WO | 4 | 4 | 4 | 160 | 80 | 160 | **67** |
| **TOTAL** | | | | | **2256** | | | |
| **AVERAGE** | | | | | **62.6667** | | | |

**Appendix 5.**

**The Score Difference between Pretest and Posttest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Pre – test** | | **Post – test** | |
| **Y1** | **Y2** | **Y1** | **Y2** |
| 1 | 53 | 50 | 67 | 60 |
| 2 | 67 | 57 | 77 | 67 |
| 3 | 73 | 73 | 87 | 80 |
| 4 | 70 | 57 | 83 | 60 |
| 5 | 50 | 60 | 63 | 60 |
| 6 | 60 | 57 | 73 | 70 |
| 7 | 70 | 73 | 80 | 67 |
| 8 | 57 | 60 | 67 | 70 |
| 9 | 53 | 57 | 67 | 67 |
| 10 | 57 | 43 | 67 | 53 |
| 11 | 53 | 60 | 63 | 73 |
| 12 | 60 | 53 | 73 | 63 |
| 13 | 73 | 60 | 87 | 70 |
| 14 | 50 | 33 | 60 | 43 |
| 15 | 53 | 60 | 67 | 63 |
| 16 | 57 | 50 | 67 | 60 |
| 17 | 70 | 57 | 83 | 57 |
| 18 | 57 | 50 | 67 | 60 |
| 19 | 40 | 70 | 53 | 70 |
| 20 | 70 | 57 | 83 | 67 |
| 21 | 50 | 47 | 63 | 57 |
| 22 | 47 | 50 | 57 | 60 |
| 23 | 50 | 33 | 63 | 40 |
| 24 | 37 | 70 | 47 | 70 |
| 25 | 70 | 53 | 80 | 63 |
| 26 | 53 | 40 | 63 | 53 |
| 27 | 40 | 50 | 53 | 63 |
| 28 | 63 | 40 | 77 | 50 |
| 29 | 40 | 50 | 50 | 53 |
| 30 | 57 | 60 | 70 | 70 |
| 31 | 60 | 53 | 67 | 63 |
| 32 | 53 | 50 | 73 | 60 |
| 33 | - | 73 | - | 80 |
| 34 | - | 57 | - | 67 |
| 35 | - | 57 | - | 60 |
| 36 | - | 57 | - | 67 |
| **Total** | **1813** | **1977** | **2197** | **2256** |
| **Average** | **56.6563** | **54.9167** | **68.6562** | **62.6667** |

**Note:**

**Y1 :** the result of experimental class

**Y2 :** the result of control class

**Y1 and Y2 :** Total score