## APPENDIX 1

Table 1
THE CALCULATION OF TAKING GROUPS AS THE SAMPLE OF THE EXPERIMENT

The sample students' scores based on their latest formative scores

| NO | CLASS VIIIA |  | CLASS VIIID |  | CLASS VIIIE |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{X}_{\mathbf{A}}$ | $\mathbf{X}_{\mathbf{A}}{ }^{\mathbf{}}$ | $\mathbf{X}_{\mathbf{D}}$ | $\mathbf{X}_{\mathbf{D}}{ }^{\mathbf{}}$ | $\mathbf{X}_{\mathbf{E}}$ | $\mathbf{X}_{\mathbf{E}}{ }^{2}$ |
| 1 | 70 | 4900 | 95 | 9025 | 90 | 8100 |
| 2 | 80 | 6400 | 90 | 8100 | 55 | 3025 |
| 3 | 85 | 7225 | 75 | 5625 | 90 | 8100 |
| 4 | 95 | 9025 | 75 | 5625 | 90 | 8100 |
| 5 | 85 | 7225 | 80 | 6400 | 95 | 9025 |
| 6 | 95 | 9025 | 85 | 7225 | 65 | 4225 |
| 7 | 85 | 7225 | 55 | 3025 | 85 | 7225 |
| 8 | 100 | 10000 | 70 | 4900 | 95 | 9025 |
| 9 | 80 | 6400 | 95 | 9025 | 75 | 5625 |
| 10 | 95 | 9025 | 80 | 6400 | 75 | 5625 |
| 11 | 90 | 8100 | 65 | 4225 | 80 | 6400 |
| 12 | 65 | 4225 | 85 | 7225 | 40 | 1600 |
| 13 | 95 | 9025 | 60 | 3600 | 70 | 4900 |
| 14 | 100 | 10000 | 90 | 8100 | 65 | 4225 |
| 15 | 100 | 10000 | 75 | 5625 | 90 | 8100 |
| 16 | 95 | 9025 | 85 | 7225 | 80 | 6400 |
| 17 | 85 | 7225 | 70 | 4900 | 70 | 4900 |
| 18 | 85 | 7225 | 95 | 9025 | 75 | 5625 |
| 19 | 95 | 9025 | 85 | 7225 | 75 | 5625 |
| 20 | 80 | 6400 | 85 | 7225 | 90 | 8100 |
| 21 | 85 | 7225 | 85 | 7225 | 85 | 7225 |
| 22 | 80 | 6400 | 90 | 8100 | 65 | 4225 |
| 23 | 95 | 9025 | 85 | 7225 | 95 | 9025 |
| 24 | 80 | 6400 | 85 | 7225 | 95 | 9025 |


| 25 | 55 | 3025 | 90 | 8100 | 700 | 10000 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 26 | 75 | 5625 | 90 | 8100 | 85 | 7225 |
| 27 | 80 | 6400 | 75 | 5625 | 95 | 9025 |
| 28 | 90 | 8100 | 80 | 6400 | 95 | 9025 |
| 29 | 85 | 7225 | 95 | 9025 | 60 | 3600 |
| 30 | 90 | 8100 | 65 | 4225 | 70 | 4900 |
| 31 | 80 | 6400 | 85 | 7225 | 95 | 9025 |
| 32 | 85 | 7225 | 65 | 4225 | 80 | 6400 |
| 33 | 75 | 5625 | 90 | 8100 | 80 | 6400 |
| 34 | 60 | 3600 | 85 | 7225 | 80 | 6400 |
| 35 | 95 | 9025 | 80 | 6400 | 90 | 8100 |
| 36 | 70 | 4900 | 90 | 8100 | 95 | 9025 |
| 37 | 55 | 3025 | 85 | 7225 | 90 | 8100 |


|  | CLASS VIIIA | CLASS VIIID | CLASS VIIIE | TOTAL |
| :---: | :---: | :---: | :---: | :---: |
| $\mathbf{\Sigma x}$ | 3095 | 3015 | 3005 | 9115 |
| $\mathbf{( \Sigma \mathbf { x } \boldsymbol { } ^ { 2 }}$ | 9579025 | 9090225 | 9030025 | 27699275 |
| ${\boldsymbol{\Sigma} \mathbf{x}^{\mathbf{2}}}^{\mathbf{n}}$ | 264025 | 249475 | 250675 | 764175 |
| Mean | 37 | 37 | 37 | 111 |

n : Number of students in each group $=37$
N : The total number of students in all groups $=111$
$\mathrm{K}:$ Number of groups $=3$

## ANOVA TABLE

| Source of variation | Sum of <br> Squares (SS) | dF | Mean of <br> Square <br> (MS) | f calculation | f critical <br> (table) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Between groups | 131.5314 | 2 | 65.7657 | 0.456884244 | 3,07 |
| Within groups | 15545.9461 | 108 | 143.9439 |  |  |
| Total | 15677.4775 | 110 | 209.7096 |  |  |

$d F($ betweengroups $)=K-1=2$
$d F($ withingroups $)=\sum(n-1)=\left(n_{A}-1\right)+\left(n_{B}-1\right)+\left(n_{C}-1\right)=108$
$C F=\frac{J^{2} \text { total }}{\text { Ntotal }}=\frac{(9115)^{2}}{111}=748497,5225$
SS(betweengroups) $=\left(\frac{\left(\sum x_{A}{ }^{2}\right)}{n_{A}}+\frac{\left(\sum x_{B}{ }^{2}\right)}{n_{B}}+\frac{\left(\sum x_{C}{ }^{2}\right)}{n_{C}}\right)-C F=131,5314$
SS(total $)=\left(\sum x_{A}{ }^{2}+\sum x_{B}{ }^{2}+\sum x_{C}{ }^{2}\right)-C F=15677,4775$
$M S($ betweengroups $)=\frac{S S(P y)}{d F(P y)}=\frac{131,5314}{2}=65,7657$
$M S($ withingroups $)=\frac{S S(E y)}{d F(E y)}=\frac{15545,9461}{108}=143,9439$
$f_{\text {calculation }}=\frac{M S(P y)}{M S(E y)}=0,456884244$
f calculation $<\mathrm{f}$ table (5\%)
$0,456884244<3,07$
Because f calculation $<\mathrm{f}$ table (5\%) so Ho is accepted Therefore, there is no significant difference between groups.

## APPENDIX 2

 TRY OUT RELIABILITYTable 1
THE CALCULATION OF ITEM RELIABILITY OF THE FIRST TRY OUT TEST

| No | $\mathbf{X}$ | $\mathbf{X}^{\mathbf{2}}$ |
| :---: | :---: | :---: |
| $\mathbf{1}$ | 25 | 625 |
| $\mathbf{2}$ | 25 | 625 |
| $\mathbf{3}$ | 24 | 576 |
| $\mathbf{4}$ | 24 | 576 |
| $\mathbf{5}$ | 23 | 529 |
| $\mathbf{6}$ | 22 | 484 |
| $\mathbf{7}$ | 22 | 484 |
| $\mathbf{8}$ | 22 | 484 |
| $\mathbf{9}$ | 22 | 484 |
| $\mathbf{1 0}$ | 22 | 484 |
| $\mathbf{1 1}$ | 21 | 441 |
| $\mathbf{1 2}$ | 21 | 441 |
| $\mathbf{1 3}$ | 21 | 441 |
| $\mathbf{1 4}$ | 21 | 441 |
| $\mathbf{1 5}$ | 21 | 441 |
| $\mathbf{1 6}$ | 21 | 441 |
| $\mathbf{1 7}$ | 21 | 441 |
| $\mathbf{1 8}$ | 20 | 400 |
| $\mathbf{1 9}$ | 20 | 400 |
| $\mathbf{2 0}$ | 19 | 361 |
| $\mathbf{2 1}$ | 18 | 324 |
| $\mathbf{2 2}$ | 16 | 256 |
| $\mathbf{2 3}$ | 16 | 256 |
| $\mathbf{2 4}$ | 14 | 196 |
| $\mathbf{2 5}$ | 13 | 169 |
| $\mathbf{2 6}$ | 13 | 169 |
| $\mathbf{2 7}$ | 13 | 169 |
| $\mathbf{2 8}$ | 13 | 169 |
| $\mathbf{2 9}$ | 13 | 169 |
| $\mathbf{3 0}$ | 12 | 144 |
| $\mathbf{3 1}$ | 12 | 144 |
| $\mathbf{3 2}$ | 11 | 121 |
| $\mathbf{3 3}$ | 11 | 121 |
| $\mathbf{3 4}$ | 11 | 121 |
| $\mathbf{3 5}$ | 9 | 81 |
| $\mathbf{3 6}$ | 8 | 64 |
| Total | $\mathbf{6 4 0}$ | $\mathbf{1 2 . 2 7 2}$ |
| $\mathbf{N}$ | $\mathbf{3 6}$ |  |
| Mean | $\mathbf{1 7}, 7$ |  |
| $\mathbf{V a r}$ | $\mathbf{3 3 1 , 4 1 9 7 5}$ |  |
|  |  |  |

$M=\frac{\sum X}{n}=17,77$
$V=\frac{\sum x^{2}-\sum x^{2} / n}{n}=331,41975$

Where,
V : Variance
n : number of students
$\Sigma \mathrm{X}$ : the total sum of the correct answer

## KR-21 Formula

$r=\frac{k}{k-1}\left(1-\frac{M(K-M)}{K V}\right)=0,99$

Where,
$r$ : reliability estimation
M : the mean of the test score
K : the number of items in the test
V : variance

Table 2
THE CALCULATION OF ITEM RELIABILITY OF THE

## SECOND TRY OUT TEST

| $\mathbf{N o}$ | $\mathbf{X}$ | $\mathbf{X}^{\mathbf{2}}$ |
| :---: | :---: | :---: |
| $\mathbf{1}$ | 24 | 576 |
| $\mathbf{2}$ | 23 | 529 |
| $\mathbf{3}$ | 20 | 400 |
| $\mathbf{4}$ | 20 | 400 |
| $\mathbf{5}$ | 20 | 400 |
| $\mathbf{6}$ | 19 | 361 |
| $\mathbf{7}$ | 19 | 361 |
| $\mathbf{8}$ | 19 | 361 |
| $\mathbf{9}$ | 19 | 361 |
| $\mathbf{1 0}$ | 19 | 361 |
| $\mathbf{1 1}$ | 19 | 361 |
| $\mathbf{1 2}$ | 19 | 361 |
| $\mathbf{1 3}$ | 18 | 324 |
| $\mathbf{1 4}$ | 18 | 324 |
| $\mathbf{1 5}$ | 18 | 324 |
| $\mathbf{1 6}$ | 18 | 324 |
| $\mathbf{1 7}$ | 17 | 289 |
| $\mathbf{1 8}$ | 17 | 289 |
| $\mathbf{1 9}$ | 16 | 256 |
| $\mathbf{2 0}$ | 15 | 225 |
| $\mathbf{2 1}$ | 12 | 144 |
| $\mathbf{2 2}$ | 11 | 121 |
| $\mathbf{2 3}$ | 10 | 100 |
| $\mathbf{2 4}$ | 10 | 100 |
| $\mathbf{2 5}$ | 9 | 81 |
| $\mathbf{2 6}$ | 9 | 81 |
| $\mathbf{2 7}$ | 9 | 81 |
| $\mathbf{2 8}$ | 9 | 81 |
| $\mathbf{2 9}$ | 9 | 81 |
| $\mathbf{3 0}$ | 8 | 64 |
| $\mathbf{3 1}$ | 8 | 64 |
| $\mathbf{3 2}$ | 8 | 64 |
| $\mathbf{3 3}$ | 8 | 64 |
| $\mathbf{3 4}$ | 8 | 64 |
| $\mathbf{3 5}$ | 8 | 64 |
| $\mathbf{3 6}$ | 7 | 49 |
| Total | $\mathbf{5 2 0}$ | $\mathbf{8 . 4 9 0}$ |
| $\mathbf{N}$ | $\mathbf{3 6}$ |  |
| $\mathbf{M e a n}$ | $\mathbf{1 4 , 4 4}$ |  |
| Var | $\mathbf{2 2 9 , 2 8 2 5}$ |  |
|  |  |  |

$M=\frac{\sum X}{n}=14,44$

$$
V=\frac{\sum x^{2}-\sum x^{2} / n}{n}=229,2825
$$

Where,
V : Variance
n : number of students
$\Sigma \mathrm{X}$ : the total sum of the correct answer

## KR-21 Formula

$r=\frac{k}{k-1}\left(1-\frac{M(K-M)}{K V}\right)=0,93$

Where,
$r$ : reliability estimation
M : the mean of the test score
K : the number of items in the test
V: variance

Table 3
THE CALCULATION OF ITEM RELIABILITY OF THE THIRD TRY OUT TEST

| No | $\mathbf{X}$ | $\mathbf{X}^{\mathbf{2}}$ |
| :---: | :---: | :---: |
| $\mathbf{1}$ | 22 | 484 |
| $\mathbf{2}$ | 20 | 400 |
| $\mathbf{3}$ | 19 | 361 |
| $\mathbf{4}$ | 18 | 324 |
| $\mathbf{5}$ | 17 | 289 |
| $\mathbf{6}$ | 16 | 256 |
| $\mathbf{7}$ | 16 | 256 |
| $\mathbf{8}$ | 16 | 256 |
| $\mathbf{9}$ | 16 | 256 |
| $\mathbf{1 0}$ | 16 | 256 |
| $\mathbf{1 1}$ | 15 | 225 |
| $\mathbf{1 2}$ | 15 | 225 |
| $\mathbf{1 3}$ | 15 | 225 |
| $\mathbf{1 4}$ | 14 | 196 |
| $\mathbf{1 5}$ | 14 | 196 |
| $\mathbf{1 6}$ | 14 | 196 |
| $\mathbf{1 7}$ | 14 | 196 |
| $\mathbf{1 8}$ | 14 | 196 |
| $\mathbf{1 9}$ | 14 | 196 |
| $\mathbf{2 0}$ | 14 | 196 |
| $\mathbf{2 1}$ | 10 | 100 |
| $\mathbf{2 2}$ | 8 | 64 |
| $\mathbf{2 3}$ | 8 | 64 |
| $\mathbf{2 4}$ | 8 | 64 |
| $\mathbf{2 5}$ | 8 | 64 |
| $\mathbf{2 6}$ | 8 | 64 |
| $\mathbf{2 7}$ | 8 | 64 |
| $\mathbf{2 8}$ | 8 | 64 |
| $\mathbf{2 9}$ | 8 | 64 |
| $\mathbf{3 0}$ | 7 | 49 |
| $\mathbf{3 1}$ | 7 | 49 |
| $\mathbf{3 2}$ | 7 | 49 |
| $\mathbf{3 3}$ | 6 | 36 |
| $\mathbf{3 4}$ | 6 | 36 |
| $\mathbf{3 5}$ | 5 | 25 |
| $\mathbf{3 6}$ | 5 | 25 |
| Total | $\mathbf{4 3 6}$ | $\mathbf{6 . 0 6 6}$ |
| $\mathbf{N}$ | $\mathbf{3 6}$ |  |
| $\mathbf{M e a n}$ | $\mathbf{1 2 , 1 1}$ |  |
| Var | $\mathbf{1 6 3 , 8 1 9 4}$ |  |
|  |  |  |

$M=\frac{\sum X}{n}=12,11$
$V=\frac{\sum x^{2}-\sum x^{2} / n}{n}=163,819444$

Where,
V: Variance
n : number of students
$\Sigma \mathrm{X}$ : the total sum of the correct answer

## KR-21 Formula

$r=\frac{k}{k-1}\left(1-\frac{M(K-M)}{K V}\right)=0,94$

Where,
r : reliability estimation
M : the mean of the test score
K : the number of items in the test
V : variance

Table 4
THE CALCULATION OF ITEM RELIABILITY OF THE FOURTH TRY OUT TEST

| No | $\mathbf{X}$ | $\mathbf{X}^{\mathbf{2}}$ |
| :---: | :---: | :---: |
| $\mathbf{1}$ | 19 | 361 |
| $\mathbf{2}$ | 18 | 324 |
| $\mathbf{3}$ | 17 | 289 |
| $\mathbf{4}$ | 17 | 289 |
| $\mathbf{5}$ | 16 | 256 |
| $\mathbf{6}$ | 16 | 256 |
| $\mathbf{7}$ | 15 | 225 |
| $\mathbf{8}$ | 15 | 225 |
| $\mathbf{9}$ | 15 | 225 |
| $\mathbf{1 0}$ | 15 | 225 |
| $\mathbf{1 1}$ | 15 | 225 |
| $\mathbf{1 2}$ | 15 | 225 |
| $\mathbf{1 3}$ | 14 | 196 |
| $\mathbf{1 4}$ | 14 | 196 |
| $\mathbf{1 5}$ | 14 | 196 |
| $\mathbf{1 6}$ | 14 | 196 |
| $\mathbf{1 7}$ | 14 | 196 |
| $\mathbf{1 8}$ | 14 | 196 |
| $\mathbf{1 9}$ | 14 | 196 |
| $\mathbf{2 0}$ | 13 | 169 |
| $\mathbf{2 1}$ | 12 | 144 |
| $\mathbf{2 2}$ | 11 | 121 |
| $\mathbf{2 3}$ | 10 | 100 |
| $\mathbf{2 4}$ | 10 | 100 |
| $\mathbf{2 5}$ | 9 | 81 |
| $\mathbf{2 6}$ | 7 | 49 |
| $\mathbf{2 7}$ | 7 | 49 |
| $\mathbf{2 8}$ | 7 | 49 |
| $\mathbf{2 9}$ | 7 | 49 |
| $\mathbf{3 0}$ | 7 | 49 |
| $\mathbf{3 1}$ | 7 | 49 |
| $\mathbf{3 2}$ | 7 | 49 |
| $\mathbf{3 3}$ | 6 | 36 |
| $\mathbf{3 4}$ | 6 | 36 |
| $\mathbf{3 5}$ | 6 | 36 |
| $\mathbf{3 6}$ | 6 | 36 |
| Total | $\mathbf{4 2 4}$ | $\mathbf{5 . 5 6 2}$ |
| $\mathbf{N}$ | $\mathbf{3 6}$ |  |
| $\mathbf{M e a n}$ | $\mathbf{1 1 , 7 8}$ |  |
| $\mathbf{V a r}$ | $\mathbf{1 5 0 , 2 0 8 3}$ |  |
|  |  |  |

$M=\frac{\sum X}{n}=12,11$

$$
V=\frac{\sum x^{2}-\sum x^{2} / n}{n}=150,208333
$$

Where,
V : Variance
n : number of students
$\Sigma \mathrm{X}$ : the total sum of the correct answer

## KR-21 Formula

$r=\frac{k}{k-1}\left(1-\frac{M(K-M)}{K V}\right)=0,93$

Where,
$r$ : reliability estimation
M : the mean of the test score
K : the number of items in the test
V : variance

## APPENDIX 3

ITEM DIFFICULTY
Table 1
THE CALCULATION OF ITEM DIFFICULTY OF THE FIRST TRY OUT TEST

| No | Right Answer | Wrong Answer | IF | Interpretation |
| :---: | :---: | :---: | :---: | :---: |
| A.1a | 28 | 8 | 0,78 | Easy |
| A.1b | 32 | 4 | 0,89 | Easy |
| A.1c | 33 | 3 | 0,92 | Easy |
| A.2a | 10 | 26 | 0,27 | Difficult |
| A.2b | 19 | 17 | 0,53 | Moderate |
| A.2c | 24 | 12 | 0,67 | Moderate |
| B.1 | 21 | 15 | 0,58 | Moderate |
| B.2 | 16 | 20 | 0,44 | Moderate |
| B.3 | 15 | 21 | 0,42 | Moderate |
| B.4 | 30 | 6 | 0,83 | Easy |
| B.5 | 24 | 12 | 0,67 | Moderate |
| B.6 | 7 | 29 | 0,2 | Difficult |
| B.7 | 22 | 24 | 0,61 | Moderate |
| B.8 | 28 | 8 | 0,78 | Easy |
| B.9 | 23 | 13 | 0,64 | Moderate |
| B.10 | 21 | 15 | 0,58 | Moderate |
| C.1 | 30 | 6 | 0,83 | Easy |
| C.2 | 9 | 27 | 0,25 | Difficult |
| C.3 | 20 | 16 | 0,56 | Moderate |
| C.4 | 26 | 10 | 0,72 | Easy |
| C.5 | 23 | 13 | 0,64 | Moderate |
| C.6 | 21 | 15 | 0,58 | Moderate |
| C. | 27 | 9 | 0,75 | Easy |
| C.8 | 12 | 24 | 0,33 | Moderate |
| C.9 | 9 | 27 | 0,25 | Difficult |
| C.10 | 19 | 16 | 0,53 | Moderate |
| C.11 | 13 | 23 | 0,36 | Moderate |
| C.12 | 14 | 22 | 0,39 | Moderate |
| C.13 | 32 | 4 | 0,89 | Easy |
| C.14 | 23 | 13 | 0,92 | Moderate |
| C.15 | 9 | 27 | 0,25 | Difficult |
|  |  |  |  |  |
|  |  |  |  | 0 |

Table 2
THE CALCULATION OF ITEM DIFFICULTY OF THE SECOND TRY OUT TEST

| No | Right Answer | Wrong Answer | IF | Interpretation |
| :---: | :---: | :---: | :---: | :---: |
| A.1a | 19 | 17 | 0,53 | Moderate |
| A.1b | 28 | 8 | 0,78 | Easy |
| A.1c | 24 | 12 | 0,67 | Moderate |
| A.2a | 15 | 21 | 0,42 | Moderate |
| A.2b | 30 | 6 | 0,83 | Easy |
| A.2c | 32 | 4 | 0,89 | Easy |
| B.1 | 11 | 25 | 0,3 | Moderate |
| B.2 | 16 | 20 | 0,44 | Moderate |
| B.3 | 19 | 17 | 0,53 | Moderate |
| B.4 | 11 | 25 | 0,3 | Moderate |
| B.5 | 16 | 20 | 0,44 | Moderate |
| B.6 | 21 | 15 | 0,58 | Moderate |
| B.7 | 15 | 21 | 0,42 | Moderate |
| B.8 | 16 | 20 | 0,44 | Moderate |
| B.9 | 12 | 24 | 0,33 | Moderate |
| B.10 | 14 | 22 | 0,39 | Moderate |
| C.1 | 11 | 25 | 0,3 | Moderate |
| C.2 | 27 | 9 | 0,75 | Easy |
| C.3 | 11 | 25 | 0,3 | Moderate |
| C.4 | 15 | 21 | 0,42 | Moderate |
| C.5 | 30 | 6 | 0,83 | Easy |
| C.6 | 10 | 26 | 0,28 | Difficult |
| C. 7 | 13 | 23 | 0,36 | Moderate |
| C.8 | 10 | 26 | 0,28 | Difficult |
| C.9 | 14 | 22 | 0,39 | Moderate |
| C.10 | 19 | 17 | 0,53 | Moderate |
| C.11 | 16 | 20 | 0,44 | Moderate |
| C.12 | 11 | 25 | 0,3 | Moderate |
| C.13 | 16 | 20 | 0,44 | Moderate |
| C.14 | 10 | 26 | 0,28 | Difficult |
| C.15 | 8 | 28 | 0,22 | Difficult |
|  |  |  |  |  |
|  |  |  |  | 0 |

Table 3
THE CALCULATION OF ITEM DIFFICULTY OF THE THIRD TRY OUT TEST

| No | Right Answer | Wrong Answer | IF | Interpretation |
| :---: | :---: | :---: | :---: | :---: |
| A.1a | 24 | 12 | 0,67 | Moderate |
| A.1b | 32 | 4 | 0,89 | Easy |
| A.1c | 28 | 8 | 0,78 | Easy |
| A.2a | 19 | 17 | 0,53 | Moderate |
| A.2b | 21 | 15 | 0,58 | Moderate |
| A.2c | 27 | 9 | 0,75 | Easy |
| B.1 | 11 | 25 | 0,3 | Moderate |
| B.2 | 16 | 20 | 0,44 | Moderate |
| B.3 | 11 | 25 | 0,3 | Moderate |
| B.4 | 19 | 17 | 0,53 | Moderate |
| B.5 | 8 | 28 | 0,22 | Difficult |
| B.6 | 21 | 15 | 0,58 | Moderate |
| B.7 | 15 | 21 | 0,42 | Moderate |
| B.8 | 19 | 17 | 0,53 | Moderate |
| B.9 | 17 | 19 | 0,47 | Moderate |
| B.10 | 15 | 21 | 0,42 | Moderate |
| C.1 | 16 | 20 | 0,44 | Moderate |
| C.2 | 10 | 26 | 0,28 | Difficult |
| C.3 | 10 | 26 | 0,28 | Difficult |
| C.4 | 15 | 21 | 0,42 | Moderate |
| C.5 | 16 | 20 | 0,44 | Moderate |
| C.6 | 12 | 24 | 0,33 | Moderate |
| C.7 | 14 | 22 | 0,39 | Moderate |
| C.8 | 13 | 23 | 0,36 | Moderate |
| C.9 | 11 | 25 | 0,3 | Moderate |
| C.10 | 16 | 20 | 0,44 | Moderate |

Table 4
THE CALCULATION OF ITEM DIFFICULTY OF THE FOURTH TRY OUT TEST

| No | Right Answer | Wrong Answer | IF | Interpretation |
| :---: | :---: | :---: | :---: | :---: |
| A.1a | 26 | 10 | 0,72 | Easy |
| A.1b | 23 | 13 | 0,64 | Moderate |
| A.1c | 18 | 18 | 0,5 | Moderate |
| A.2a | 20 | 16 | 0,56 | Moderate |
| A.2b | 19 | 17 | 0,53 | Moderate |
| A.2c | 22 | 14 | 0,61 | Moderate |
| B.1 | 20 | 16 | 0,56 | Moderate |
| B.2 | 14 | 22 | 0,39 | Moderate |
| B.3 | 18 | 18 | 0,5 | Moderate |
| B.4 | 12 | 24 | 0,33 | Moderate |
| B.5 | 17 | 19 | 0,47 | Moderate |
| B.6 | 15 | 21 | 0,42 | Moderate |
| B.7 | 10 | 26 | 0,28 | Difficult |
| B.8 | 20 | 16 | 0,56 | Moderate |
| B.9 | 14 | 22 | 0,39 | Moderate |
| B.10 | 12 | 24 | 0,33 | Moderate |
| C.1 | 18 | 18 | 0,5 | Moderate |
| C.2 | 15 | 21 | 0,42 | Moderate |
| C.3 | 11 | 25 | 0,3 | Moderate |
| C.4 | 17 | 19 | 0,47 | Moderate |
| C.5 | 15 | 21 | 0,42 | Moderate |
| C.6 | 12 | 24 | 0,33 | Moderate |
| C.7 | 20 | 16 | 0,56 | Moderate |
| C.8 | 14 | 22 | 0,39 | Moderate |
| C.9 | 16 | 20 | 0,44 | Moderate |
| C.10 | 12 | 24 | 0,33 | Moderate |

## The Formula of Item Difficulty

$$
I F=\frac{N_{\text {correct }}}{N_{\text {total }}}
$$

Where,
IF : Item Facility
$\mathrm{N}_{\text {correct }}$ : number of students answering correctly
$\mathrm{N}_{\text {total }}$ : number of students taking the test.

## The Criteria of the Level of Difficulty

| IF Index | Interpretation |
| :--- | :--- |
| $0.10-0.30$ | Difficult item (D) |
| $0.30-0.70$ | Moderate item (M) |
| $0.70-1.00$ | Easy item (E) |

## APPENDIX 4

## ITEM DISCRIMINATION

Table 1
THE CALCULATION OF ITEM DISCRIMINATION OF THE FIRST TRY OUT TEST

| No | $\mathbf{R}_{\mathbf{U}}$ | $\mathbf{R}_{\mathbf{L}}$ | $\mathbf{D}$ | Interpretation |
| :---: | :---: | :---: | :---: | :---: |
| A.1a | 15 | 13 | 0,11 | Poor |
| A.1b | 18 | 14 | 0,22 | Satisfactory |
| A.1c | 17 | 16 | 0,05 | Poor |
| A.2a | 7 | 3 | 0,22 | Satisfactory |
| A.2b | 14 | 5 | 0,5 | Good |
| A.2c | 15 | 9 | 0,33 | Satisfactory |
| B.1 | 13 | 8 | 0,28 | Satisfactory |
| B.2 | 10 | 6 | 0,33 | Satisfactory |
| B.3 | 10 | 5 | 0,28 | Satisfactory |
| B.4 | 17 | 13 | 0,22 | Satisfactory |
| B.5 | 14 | 10 | 0,22 | Satisfactory |
| B.6 | 6 | 1 | 0,28 | Satisfactory |
| B.7 | 14 | 8 | 0,33 | Satisfactory |
| B.8 | 16 | 12 | 0,22 | Satisfactory |
| B.9 | 14 | 9 | 0,28 | Satisfactory |
| B.10 | 14 | 7 | 0,39 | Satisfactory |
| C.1 | 18 | 12 | 0,33 | Satisfactory |
| C.2 | 9 | 0 | 0,5 | Good |
| C.3 | 14 | 6 | 0,44 | Good |
| C.4 | 15 | 11 | 0,22 | Satisfactory |
| C.5 | 14 | 9 | 0,28 | Satisfactory |
| C.6 | 13 | 8 | 0,28 | Satisfactory |
| C.7 | 16 | 11 | 0,28 | Satisfactory |
| C.8 | 8 | 4 | 0,22 | Satisfactory |
| C.9 | 7 | 2 | 0,28 | Satisfactory |
| C.10 | 13 | 6 | 0,39 | Satisfactory |
| C.11 | 11 | 2 | 0,5 | Good |
| C.12 | 12 | 2 | 0,55 | Good |
| C.13 | 17 | 15 | 0,11 | Poor |
| C.14 | 15 | 8 | 0,39 | Satisfactory |
| C.15 | 7 | 0,28 | Satisfactory |  |
|  |  |  |  |  |

Table 2
THE CALCULATION OF ITEM DISCRIMINATION OF THE SECOND TRY OUT TEST

| No | $\mathbf{R}_{\mathbf{U}}$ | $\mathbf{R}_{\mathbf{L}}$ | $\mathbf{D}$ | Interpretation |
| :---: | :---: | :---: | :---: | :---: |
| A.1a | 14 | 5 | 0,5 | Good |
| A.1b | 16 | 12 | 0,22 | Satisfactory |
| A.1c | 15 | 9 | 0,33 | Satisfactory |
| A.2a | 10 | 5 | 0,28 | Satisfactory |
| A.2b | 18 | 12 | 0,33 | Satisfactory |
| A.2c | 17 | 15 | 0,11 | Poor |
| B.1 | 8 | 3 | 0,28 | Satisfactory |
| B.2 | 11 | 5 | 0,33 | Satisfactory |
| B.3 | 13 | 6 | 0,39 | Satisfactory |
| B.4 | 9 | 2 | 0,39 | Satisfactory |
| B. | 10 | 6 | 0,33 | Satisfactory |
| B.6 | 14 | 7 | 0,39 | Satisfactory |
| B.7 | 10 | 5 | 0,28 | Satisfactory |
| B.8 | 11 | 5 | 0,33 | Satisfactory |
| B.9 | 8 | 4 | 0,22 | Satisfactory |
| B.10 | 10 | 4 | 0,33 | Satisfactory |
| C.1 | 9 | 2 | 0,39 | Satisfactory |
| C.2 | 16 | 11 | 0,28 | Satisfactory |
| C.3 | 8 | 3 | 0,28 | Satisfactory |
| C.4 | 10 | 5 | 0,28 | Satisfactory |
| C.5 | 17 | 13 | 0,22 | Satisfactory |
| C.6 | 8 | 2 | 0,33 | Satisfactory |
| C.7 | 11 | 2 | 0,5 | Good |
| C.8 | 9 | 1 | 0,44 | Good |
| C.9 | 8 | 6 | 0,11 | Poor |
| C.10 | 13 | 6 | 0,39 | Satisfactory |
| C.11 | 11 | 5 | 0,33 | Satisfactory |
| C.12 | 8 | 3 | 0,28 | Satisfactory |
| C.13 | 10 | 6 | 0,33 | Satisfactory |
| C.14 | 8 | 2 | 0,33 | Satisfactory |
| C.15 | 6 | 2 | 0,22 | Satisfactory |
|  |  |  |  |  |

Table 3
THE CALCULATION OF ITEM DISCRIMINATION OF THE THIRD TRY OUT TEST

| No | $\mathbf{R}_{\mathbf{U}}$ | $\mathbf{R}_{\mathbf{L}}$ | $\mathbf{D}$ | Interpretation |
| :---: | :---: | :---: | :---: | :---: |
| A.1a | 15 | 9 | 0,33 | Satisfactory |
| A.1b | 17 | 15 | 0,11 | Poor |
| A.1c | 16 | 12 | 0,22 | Satisfactory |
| A.2a | 14 | 5 | 0,5 | Good |
| A.2b | 14 | 7 | 0,39 | Satisfactory |
| A.2c | 16 | 11 | 0,28 | Satisfactory |
| B.1 | 8 | 3 | 0,28 | Satisfactory |
| B.2 | 11 | 5 | 0,33 | Satisfactory |
| B.3 | 9 | 2 | 0,39 | Satisfactory |
| B.4 | 13 | 6 | 0,39 | Satisfactory |
| B.5 | 6 | 2 | 0,22 | Satisfactory |
| B.6 | 14 | 7 | 0,39 | Satisfactory |
| B.7 | 9 | 6 | 0,17 | Poor |
| B.8 | 13 | 6 | 0,39 | Satisfactory |
| B.9 | 11 | 6 | 0,28 | Satisfactory |
| B.10 | 10 | 5 | 0,28 | Satisfactory |
| C.1 | 10 | 6 | 0,33 | Satisfactory |
| C.2 | 8 | 2 | 0,33 | Satisfactory |
| C.3 | 8 | 5 | 0,33 | Satisfactory |
| C.4 | 10 | 5 | 0,28 | Satisfactory |
| C.5 | 11 | 4 | 0,33 | Satisfactory |
| C.6 | 8 | 4 | 0,22 | Satisfactory |
| C.7 | 10 | 2 | 0,33 | Satisfactory |
| C.8 | 11 | 2 | 0,5 | Good |
| C.9 | 9 | 6 | 0,39 | Satisfactory |
| C.10 | 10 |  | 0,33 | Satisfactory |

Table 4
THE CALCULATION OF ITEM DISCRIMINATION OF THE FOURTH TRY OUT TEST

| No | $\mathbf{R}_{\mathbf{U}}$ | $\mathbf{R}_{\mathbf{L}}$ | $\mathbf{D}$ | Interpretation |
| :---: | :---: | :---: | :---: | :---: |
| A.1a | 15 | 11 | 0,22 | Satisfactory |
| A.1b | 15 | 8 | 0,39 | Satisfactory |
| A.1c | 11 | 7 | 0,22 | Satisfactory |
| A.2a | 13 | 7 | 0,33 | Satisfactory |
| A.2b | 13 | 6 | 0,39 | Satisfactory |
| A.2c | 14 | 8 | 0,33 | Satisfactory |
| B.1 | 12 | 8 | 0,22 | Satisfactory |
| B.2 | 9 | 5 | 0,22 | Satisfactory |
| B.3 | 11 | 7 | 0,22 | Satisfactory |
| B.4 | 8 | 4 | 0,22 | Satisfactory |
| B.5 | 11 | 6 | 0,28 | Satisfactory |
| B.6 | 10 | 5 | 0,28 | Satisfactory |
| B.7 | 8 | 2 | 0,33 | Satisfactory |
| B.8 | 14 | 6 | 0,44 | Good |
| B.9 | 9 | 5 | 0,5 | Good |
| B.10 | 7 | 5 | 0,11 | Poor |
| C.1 | 11 | 7 | 0,22 | Satisfactory |
| C.2 | 10 | 5 | 0,28 | Satisfactory |
| C.3 | 7 | 4 | 0,17 | Poor |
| C.4 | 11 | 6 | 0,28 | Satisfactory |
| C.5 | 10 | 5 | 0,28 | Satisfactory |
| C.6 | 8 | 4 | 0,22 | Satisfactory |
| C.7 | 13 | 7 | 0,33 | Satisfactory |
| C.8 | 9 | 5 | 0,5 | Good |
| C.9 | 10 | 6 | 0,22 | Satisfactory |
| C.10 | 8 | 4 | 0,22 | Satisfactory |

## The Formula of Item Discrimination

$$
D=\frac{R_{u}-R_{L}}{n}
$$

Where,
D : The item discrimination power
Ru : The number of upper group students who give the correct answers $R_{L}$ : The number of lower group students who give the correct answers n : a half number of students

The Criteria of the Item Discrimination

| Discrimination Power | Interpretation |
| :---: | :---: |
| $0.00-0.19$ | Poor |
| $0.20-0.39$ | Satisfactory |
| $0.40-0.69$ | Good |
| $0.70-1.00$ | Excellent |

## APPENDIX 5

Table 1
THE CALCULATION OF THE FIRST POST TEST SCORES

| NO | Inductive Group ( VIIID ) |  | Deductive Group ( VIIIE ) |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{X}_{\text {A }}$ | $\mathrm{X}^{2}{ }_{\mathrm{A}}$ | $\mathbf{X}_{\text {B }}$ | $\mathbf{X}^{2}{ }_{\text {B }}$ |
| 1 | 23 | 529 | 31 | 961 |
| 2 | 30 | 900 | 10 | 100 |
| 3 | 17 | 289 | 28 | 784 |
| 4 | 22 | 484 | 20 | 400 |
| 5 | 27 | 729 | 29 | 841 |
| 6 | 29 | 841 | 28 | 784 |
| 7 | 28 | 784 | 26 | 676 |
| 8 | 19 | 361 | 21 | 441 |
| 9 | 31 | 961 | 26 | 676 |
| 10 | 27 | 729 | 26 | 676 |
| 11 | 19 | 361 | 12 | 144 |
| 12 | 29 | 841 | 18 | 324 |
| 13 | 18 | 324 | 25 | 625 |
| 14 | 27 | 729 | 22 | 484 |
| 15 | 14 | 196 | 20 | 400 |
| 16 | 29 | 841 | 19 | 361 |
| 17 | 29 | 841 | 31 | 961 |
| 18 | 22 | 484 | 18 | 324 |
| 19 | 30 | 900 | 27 | 729 |
| 20 | 15 | 225 | 30 | 900 |
| 21 | 26 | 676 | 26 | 676 |
| 22 | 27 | 729 | 23 | 529 |
| 23 | 28 | 784 | 25 | 625 |
| 24 | 11 | 121 | 21 | 441 |
| 25 | 21 | 441 | 31 | 961 |
| 26 | 29 | 841 | 28 | 784 |
| 27 | 12 | 144 | 25 | 625 |
| 28 | 27 | 729 | 30 | 900 |
| 29 | 31 | 961 | 25 | 625 |
| 30 | 28 | 784 | 29 | 841 |
| 31 | 28 | 784 | 27 | 729 |
| 32 | 29 | 841 | 24 | 576 |
| Total | 782 | 20.184 | 761 | 19.903 |
| n | 32 |  | 32 |  |
| Mean | 24,4375 |  | 23,78125 |  |
| SD | 5,8856 |  | 7,6315 |  |

## TEST OF HYPOTHESIS OF THE FIRST POST TEST

1. Ha: $\mu \mathrm{A}>\mu \mathrm{B}$ : There is a significant difference between the mean groups

Ho: $\mu \mathrm{A}=\mu \mathrm{B}$ : There is no significant difference between the mean groups
2. $\mathrm{dF}=\mathrm{nA}+\mathrm{nB}-2=62$ $\mathrm{t}(5 \%)=1,671$
3. Calculation of t-observation $\left(\tau_{0}\right)$ :

INDUCTIVE GROUP

$$
X_{A}=\frac{\sum x}{n}=24,4375 \quad \mathrm{n}=32
$$

$$
S D_{A}=\sqrt{\frac{n \sum x^{2}-\left(\sum x\right)^{2}}{n(n-1)}}=5,8856
$$

DEDUCTIVE GROUP

$$
\begin{gathered}
X_{B}=\frac{\sum x}{n}=23,78125 \quad \mathrm{n}=32 \\
S D_{B}=\sqrt{\frac{n \sum x^{2}-\left(\sum x\right)^{2}}{n(n-1)}}=7,6315 \\
\tau_{0}=\frac{\mathrm{X}_{A}-\mathrm{X}_{B}}{\sqrt{\frac{\left(n_{A}-1\right) S D^{2} A+\left(n_{B}-1\right) S D^{2} B}{n_{A}+n_{B}-2}\left(\frac{1}{n_{A}}+\frac{1}{n_{B}}\right)}}=0,3852
\end{gathered}
$$

Where: X : Mean
SD : The Standard Deviation
n : The number of students
$\Sigma \mathrm{x}:$ The total sum of the samples' scores
4. Conclusion
t-obtained $<\mathrm{t}$-table (5\%)
$0,3852<1,671$
Because t -obtained $<\mathrm{t}$-table ( $5 \%$ ) so Ho is accepted
Hence there is no a significant difference between both groups and that group B (deductive group) is greater.

Table 2
THE CALCULATION OF THE SECOND POST TEST SCORES

| NO | Inductive Group ( VIIIE ) |  | Deductive Group ( VIIID ) |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{X}_{\text {A }}$ | $\mathrm{X}^{2}{ }_{\mathrm{A}}$ | $\mathbf{X}_{\text {B }}$ | $\mathrm{X}^{2}{ }_{\text {B }}$ |
| 1 | 31 | 961 | 21 | 441 |
| 2 | 23 | 529 | 22 | 484 |
| 3 | 31 | 961 | 30 | 900 |
| 4 | 31 | 961 | 23 | 529 |
| 5 | 24 | 576 | 26 | 676 |
| 6 | 27 | 729 | 30 | 900 |
| 7 | 29 | 841 | 28 | 784 |
| 8 | 31 | 961 | 29 | 841 |
| 9 | 30 | 900 | 24 | 576 |
| 10 | 29 | 841 | 31 | 961 |
| 11 | 30 | 900 | 19 | 361 |
| 12 | 31 | 961 | 29 | 841 |
| 13 | 26 | 676 | 24 | 576 |
| 14 | 31 | 961 | 31 | 961 |
| 15 | 31 | 961 | 24 | 576 |
| 16 | 31 | 961 | 31 | 961 |
| 17 | 30 | 900 | 22 | 484 |
| 18 | 29 | 841 | 29 | 841 |
| 19 | 30 | 900 | 20 | 400 |
| 20 | 29 | 841 | 25 | 625 |
| 21 | 31 | 961 | 18 | 324 |
| 22 | 31 | 961 | 25 | 625 |
| 23 | 29 | 841 | 27 | 729 |
| 24 | 31 | 961 | 20 | 400 |
| 25 | 30 | 900 | 28 | 784 |
| 26 | 25 | 625 | 29 | 841 |
| 27 | 31 | 961 | 28 | 784 |
| 28 | 30 | 900 | 28 | 784 |
| 29 | 31 | 961 | 21 | 441 |
| 30 | 18 | 324 | 29 | 841 |
| 31 | 30 | 900 | 29 | 841 |
| 32 | 31 | 961 | 15 | 225 |
| 33 | 31 | 961 | 31 | 961 |
| 34 | 31 | 961 | 20 | 400 |
| 35 |  |  | 31 | 961 |
| Total | 994 | 29.340 | 897 | 23.659 |
| n | 34 |  | 35 |  |
| Mean | 29,2352 |  | 25,6285 |  |
| SD | 2,9134 |  | 4,4396 |  |

## TEST OF HYPOTHESIS OF THE SECOND POST TEST

1. Ha: $\mu \mathrm{A}>\mu \mathrm{B}$ : There is a significant difference between the mean groups

Ho: $\mu \mathrm{A}=\mu \mathrm{B}$ : There is no significant difference between the mean groups
2. $\mathrm{dF}=\mathrm{nA}+\mathrm{nB}-2=67$ $\mathrm{t}(5 \%)=1,671$
3. Calculation of t-observation $\left(\tau_{0}\right)$ :

INDUCTIVE GROUP

$$
X_{A}=\frac{\sum x}{n}=29,2352 \quad \mathrm{n}=34
$$

$$
S D_{A}=\sqrt{\frac{n \sum x^{2}-\left(\sum x\right)^{2}}{n(n-1)}}=2,9134
$$

## DEDUCTIVE GROUP

$$
X_{B}=\frac{\sum x}{n}=25,6285 \quad \mathrm{n}=35
$$

$$
S D_{B}=\sqrt{\frac{n \sum x^{2}-\left(\sum x\right)^{2}}{n(n-1)}}=4,4396
$$

$$
\tau_{0}=\frac{\mathrm{X}_{A}-\mathrm{X}_{B}}{\sqrt{\frac{\left(n_{A}-1\right) S D^{2} A+\left(n_{B}-1\right) S D^{2} B}{n_{A}+n_{B}-2}\left(\frac{1}{n_{A}}+\frac{1}{n_{B}}\right)}}=3,9804
$$

Where: X:Mean
SD : The Standard Deviation
n : The number of students
$\Sigma \mathrm{x}$ : The total sum of the samples' scores
4. Conclusion
t-obtained > t-table (5\%)
$3,9804>1,671$
Because t-obtained > t-table (5\%) so Ha is accepted
Hence there is a significant difference between both groups and that group A (inductive group) is greater.

Table 3
THE CALCULATION OF THE THIRD POST TEST SCORES

| NO | Inductive Group ( VIIID ) |  | Deductive Group ( VIIIE ) |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{X A}_{\text {A }}$ | $\mathbf{X}^{2}{ }_{\text {a }}$ | $\mathbf{X}_{\text {B }}$ | $\mathrm{X}^{2}{ }_{\text {B }}$ |
| 1 | 26 | 676 | 21 | 441 |
| 2 | 28 | 784 | 26 | 676 |
| 3 | 25 | 625 | 24 | 576 |
| 4 | 30 | 900 | 25 | 625 |
| 5 | 26 | 676 | 26 | 676 |
| 6 | 28 | 784 | 24 | 576 |
| 7 | 25 | 625 | 26 | 676 |
| 8 | 27 | 729 | 26 | 676 |
| 9 | 26 | 676 | 23 | 529 |
| 10 | 22 | 484 | 26 | 676 |
| 11 | 26 | 676 | 21 | 441 |
| 12 | 28 | 784 | 22 | 484 |
| 13 | 25 | 625 | 26 | 676 |
| 14 | 26 | 676 | 24 | 576 |
| 15 | 29 | 841 | 21 | 441 |
| 16 | 26 | 676 | 25 | 625 |
| 17 | 27 | 729 | 25 | 625 |
| 18 | 28 | 784 | 18 | 324 |
| 19 | 26 | 676 | 20 | 400 |
| 20 | 18 | 324 | 22 | 484 |
| 21 | 20 | 400 | 25 | 625 |
| 22 | 25 | 625 | 26 | 676 |
| 23 | 26 | 676 | 18 | 324 |
| 24 | 28 | 784 | 21 | 441 |
| 25 | 26 | 676 | 26 | 676 |
| 26 | 30 | 900 | 26 | 676 |
| 27 | 25 | 625 | 7 | 49 |
| 28 | 28 | 784 | 26 | 676 |
| 29 | 18 | 324 | 20 | 400 |
| 30 | 27 | 729 | 25 | 625 |
| 31 | 25 | 625 | 20 | 400 |
| 32 | 28 | 784 | 15 | 225 |
| 33 | 25 | 625 | 21 | 441 |
| 34 | 30 | 900 | 17 | 289 |
| 35 | 23 | 529 | 24 | 576 |
| 36 | 21 | 441 | 13 | 169 |
| 37 | 30 | 900 |  |  |
| Total | 957 | 900 | 801 | 18471 |
| n | 37 |  | 36 |  |
| Mean | 25,8648 |  | 22,25 |  |
| SD | 3,001 |  | 4,3053 |  |

## TEST OF HYPOTHESIS OF THE THIRD POST TEST

1. Ha: $\mu \mathrm{A}>\mu \mathrm{B}$ : There is a significant difference between the mean groups

Ho: $\mu \mathrm{A}=\mu \mathrm{B}$ : There is no significant difference between the mean groups
2. $\mathrm{dF}=\mathrm{nA}+\mathrm{nB}-2=71$ $\mathrm{t}(5 \%)=1,671$
3. Calculation of t-observation $\left(\tau_{0}\right)$ :

INDUCTIVE GROUP

$$
X_{A}=\frac{\sum x}{n}=25,8648 \quad \mathrm{n}=37
$$

$$
S D_{A}=\sqrt{\frac{n \sum x^{2}-\left(\sum x\right)^{2}}{n(n-1)}}=3,001
$$

## DEDUCTIVE GROUP

$$
X_{B}=\frac{\sum x}{n}=22,25 \quad \mathrm{n}=36
$$

$$
S D_{B}=\sqrt{\frac{n \sum x^{2}-\left(\sum x\right)^{2}}{n(n-1)}}=4,3053
$$

$$
\tau_{\mathrm{o}}=\frac{\mathrm{X}_{A}-\mathrm{X}_{B}}{\sqrt{\frac{\left(n_{A}-1\right) S D^{2} A+\left(n_{B}-1\right) S D^{2} B}{n_{A}+n_{B}-2}\left(\frac{1}{n_{A}}+\frac{1}{n_{B}}\right)}}=4,1711
$$

Where: X: Mean
SD : The Standard Deviation
n : The number of students
$\Sigma \mathrm{x}:$ The total sum of the samples' scores
4. Conclusion
t-obtained $>\mathrm{t}$-table (5\%)
$4,1711>1,671$
Because $t$-obtained $>t$-table (5\%) so Ha is accepted
Hence there is a significant difference between both groups and that group A (inductive group) is greater.

Table 4
THE CALCULATION OF THE FOURTH POST TEST SCORES

| NO | Inductive Group ( VIIIE ) |  | Deductive Group ( VIIID ) |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{X A}_{\text {A }}$ | $\mathrm{X}^{2}{ }_{\mathrm{A}}$ | $\mathbf{X}_{\text {B }}$ | $\mathrm{X}^{2}{ }_{\text {B }}$ |
| 1 | 25 | 625 | 22 | 484 |
| 2 | 18 | 324 | 25 | 625 |
| 3 | 25 | 625 | 16 | 256 |
| 4 | 21 | 441 | 26 | 676 |
| 5 | 26 | 676 | 19 | 361 |
| 6 | 28 | 784 | 26 | 676 |
| 7 | 25 | 625 | 24 | 576 |
| 8 | 25 | 625 | 26 | 676 |
| 9 | 29 | 841 | 26 | 676 |
| 10 | 23 | 529 | 25 | 625 |
| 11 | 25 | 625 | 17 | 289 |
| 12 | 20 | 400 | 26 | 676 |
| 13 | 24 | 576 | 20 | 400 |
| 14 | 24 | 576 | 24 | 576 |
| 15 | 18 | 324 | 25 | 625 |
| 16 | 25 | 625 | 19 | 361 |
| 17 | 23 | 529 | 24 | 576 |
| 18 | 26 | 676 | 26 | 676 |
| 19 | 24 | 576 | 18 | 325 |
| 20 | 23 | 529 | 15 | 225 |
| 21 | 27 | 729 | 24 | 576 |
| 22 | 25 | 625 | 24 | 576 |
| 23 | 26 | 676 | 18 | 324 |
| 24 | 24 | 576 | 23 | 529 |
| 25 | 25 | 625 | 24 | 576 |
| 26 | 26 | 676 | 22 | 484 |
| 27 | 28 | 784 | 25 | 625 |
| 28 | 23 | 529 | 25 | 625 |
| 29 | 24 | 576 | 25 | 625 |
| 30 | 23 | 529 | 19 | 361 |
| 31 | 26 | 676 | 25 | 625 |
| 32 | 25 | 625 | 24 | 576 |
| 33 | 28 | 784 | 25 | 625 |
| 34 | 26 | 676 | 19 | 361 |
| 35 | 27 | 729 | 24 | 576 |
| 36 | 30 | 900 | 21 | 441 |
| 37 |  |  | 24 | 576 |
| Total | 890 | 22.246 | 840 | 19.441 |
| n | 36 |  | 37 |  |
| Mean | 24,7222 |  | 22,7027 |  |
| SD | 2,6361 |  | 3,2090 |  |

## TEST OF HYPOTHESIS OF THE FOURTH POST TEST

1. Ha: $\mu \mathrm{A}>\mu \mathrm{B}$ : There is a significant difference between the mean groups

Ho: $\mu \mathrm{A}=\mu \mathrm{B}$ : There is no significant difference between the mean groups
2. $\mathrm{dF}=\mathrm{nA}+\mathrm{nB}-2=71$ $\mathrm{t}(5 \%)=1,671$
3. Calculation of t-observation $\left(\tau_{0}\right)$ :

INDUCTIVE GROUP

$$
X_{A}=\frac{\sum x}{n}=24,7222 \quad \mathrm{n}=36
$$

$$
S D_{A}=\sqrt{\frac{n \sum x^{2}-\left(\sum x\right)^{2}}{n(n-1)}}=2,6361
$$

## DEDUCTIVE GROUP

$$
X_{B}=\frac{\sum x}{n}=22,7027 \quad \mathrm{n}=37
$$

$$
S D_{B}=\sqrt{\frac{n \sum x^{2}-\left(\sum x\right)^{2}}{n(n-1)}}=3,2090
$$

$$
\tau_{0}=\frac{\mathrm{X}_{A}-\mathrm{X}_{B}}{\sqrt{\frac{\left(n_{A}-1\right) S D^{2} A+\left(n_{B}-1\right) S D^{2} B}{n_{A}+n_{B}-2}\left(\frac{1}{n_{A}}+\frac{1}{n_{B}}\right)}}=3,837
$$

Where: X: Mean
SD : The Standard Deviation
n : The number of students
$\Sigma \mathrm{x}$ : The total sum of the samples' scores
4. Conclusion
t-obtained $>$ t-table (5\%)
3,837 > 1,671
Because $t$-obtained $>t$-table (5\%) so Ha is accepted
Hence there is a significant difference between both groups and that group A (inductive group) is greater.

# LESSON PLAN FOR INDUCTIVE GROUP (First Meeting) 

Subject : English<br>Language Component : Grammar<br>Topic<br>: Simple Present Tense<br>Grade/Semester : VIII/1<br>Time Allotment : 1x 80,<br>Teacher : Megawati Purnomo

## A. COMPETENCE

1. Basic Competence

- Students comprehend the grammatical rules and the uses of the Simple Present Tense.

2. Achievement Indicators

Students are able to

- find out the positive pattern of the Simple Present Tense.
o find out the negative pattern of the Simple Present Tense.
0 find out the interrogative pattern of the Simple present Tense.
o construct positive sentences in the Simple Present Tense.
- construct negative sentences in the Simple Present Tense.
o construct interrogative sentences in the Simple Present Tense.
B. LEARNING MATERIALS
(See Students' Worksheet 1)
C. TEACHING AND LEARNING ACTIVITIES

1. Techniques: question and answer, individual work.
2. Class activities:

| Stages | Activities |  | Time Allotment |
| :---: | :---: | :---: | :---: |
|  | Teacher | Students |  |
| Pre- <br> Instruc- <br> tional <br> Activities | Greets the students | Respond to the greeting | $1 '$ |
|  | Gives some triggering questions about the new lesson | Answer the questions | $1 '$ |
| Whilst-Instructional Activities | Provides the uses of the Simple Present Tense | Listen to the teacher | 5 |
|  | Distributes a reading passage (see Reading Passage 1) | Receive the reading passage | $1{ }^{\prime}$ |
|  | Explains about the features of the Simple Present Tense as used in the reading passage | Listen to the explanation | 5 |

\begin{tabular}{|c|c|c|c|}
\hline \& \begin{tabular}{l}
Gives some sentences in the Simple Present Tense as examples \\
Asks the students to do Exercise A and B (see Student's Worksheet 1) \\
Checks the answers together \\
Asks the students to find out the positive, negative and interrogative pattern of the Simple present Tense
\end{tabular} \& \begin{tabular}{l}
Listen to the teacher \\
Do Exercise A and B \\
Check the answers together with the teacher \\
Try to find out the positive, negative and interrogative pattern of simple present tense
\end{tabular} \& 3

$15^{\prime}$
$8^{\prime}$

$10^{\prime}$ <br>

\hline | Post- |
| :--- |
| Instructional Activities | \& | Gives test (see Test 1) |
| :--- |
| Says good bye | \& Do the test Say goodbye \& $30^{\prime}$

1 <br>
\hline
\end{tabular}

D. ASSESSMENT

The student's test.

## E. REFERENCE

Bachtiar Bima Mustriana ... [et al.]. 2007. New Let's Talk Grade VIII for Junior High School (SMP/MTs). Pakar Raya.

## TEACHER'S NOTE (First Meeting)

## A. BASIC COMPETENCE

Students comprehend the grammatical rules and the uses of the Simple Present Tense.

## B. TEACHING-LEARNING ACTIVITIES

## Pre activities

- Greets the students
- Good morning, class!
- How are you today?
- Gives triggering questions
- Do you know about tenses?
- Have you ever learnt Simple Present Tense?


## Whilst activities

- Provides the uses of Simple Present Tense
- "Students, today we will learn about Simple Present Tense. Do you know what the uses of Simple Present Tense are? It is used for habitual action and general truth."
- Distributes a reading passage.
- "Students, now I'm going to distribute a reading passage to you. One of you please read it out loud."
- Explains about the features of the Simple Present Tense as used in the reading passage
- Gives some sentences in the Simple Present Tense as examples
- "Students, now please look at the sentences on the white board. They are the examples of Simple Present Tense."
He walks to school everyday.
They play tennis on Saturdays.
The sun rises in the east.
- Asks the students to do Exercise A and B.
- "Ok students, now please look at your worksheet. Please do exercise A and B."
- Checks the answers together.
- "Have you finished, students? Now, let's check the answers together."
- Asks the students to find out the positive, negative and interrogative pattern of Simple Present Tense.


## Post activities

- Gives the students a test.
- "Students, now I have a test for you. Please do it by yourself."
- Says good bye.
- "Ok class, that's all our lesson today. See you next week."


# LESSON PLAN FOR INDUCTIVE GROUP (Second Meeting) 

Subject<br>: English<br>Language Component: Grammar<br>Topic<br>: Simple Past Tense<br>Grade/Semester : VIII/1<br>Time Allotment : 1x $80^{\text {, }}$<br>Teacher : Desi Kurnia Sandy, S.Pd.

## A. COMPETENCE

1. Basic Competence

- Students comprehend the grammatical rules and the uses of the Simple Past Tense.

2. Achievement Indicators

Students are able to

- find out the positive pattern of Simple Past Tense.
o find out the negative pattern of Simple Past Tense.
o find out the interrogative pattern of Simple Past Tense.
- construct positive sentences in the Simple Past Tense.
- construct negative sentences in the Simple past Tense.
o construct interrogative sentences in the Simple Past Tense.
B. LEARNING MATERIALS
(See Students' Worksheet)
C. TEACHING AND LEARNING ACTIVITIES

1. Techniques: question and answer, individual work.
2. Class activities:

| Stages | Activities |  | Time Allotment |
| :---: | :---: | :---: | :---: |
|  | Teacher | Students |  |
| Pre- | Greets the students | Respond to the greeting | $1 '$ |
| tional <br> Activities | Gives some triggering questions about the new lesson | Answer the questions | $1 '$ |
| Whilst-Instructional Activities | Provides the uses of Simple Past Tense | Listen to the explanation | 5 |
|  | Distributes a reading passage (see Reading Passage 2) | Receive the reading passage | 1 ' |
|  | Explains about the features of the Simple Past Tense as used in the reading passage | Listen to the explanation | 5 |


|  | Gives some sentences in the <br> Simple Past Tense as examples <br> Asks the students to do Exercise A <br> and B (see Student's Worksheet 2) <br> Checks the answers together | Listen to the teacher <br> Do Exercise A and B <br> Check the answers together with <br> the teacher | $1^{\prime}$ |
| :--- | :--- | :--- | :---: |
| Asks the students to find out the <br> positive, negative and interrogative <br> patterns of the Simple Past Tense | Try to find out the positive, <br> negative and interrogative pattern <br> of simple past tense | $10^{\prime}$ |  |
| Post- <br> Instruc- <br> tional <br> Activities | Gives test (see Test 2) <br> Says good bye | Do the test <br> Say goodbye | $30^{\prime}$ |

## D. ASSESSMENT

The student's test.

## E. REFERENCE

Akhmadi Ali ... [et al.]. 2005. Smart Steps. The Smartest Way to Learn English. An English Textbook for Junior High School . Ganeca Exact.

## TEACHER'S NOTE (Second Meeting)

## A. BASIC COMPETENCE

Students comprehend the grammatical rules and the uses of the Simple Past Tense.

## B. TEACHING-LEARNING ACTIVITIES

## Pre activities

- Greets the students
- Good morning, class!
- How are you today?
- Gives triggering questions
- Have you ever learnt Simple Past Tense?


## Whilst activities

- Provides the uses of Simple Past Tense
- "Students, today we will learn about Simple Past Tense. Do you know what the use of Simple Past Tense is? It is used for actions that happened in the past."
- Distributes a reading passage.
- "Students, now I'm going to distribute a reading passage to you. One of you please read it out loud."
- Explains about the features of the Simple Past Tense as used in the reading passage
- Gives some sentences in the Simple Past Tense as examples
- "Students, now please look at the sentences on the white board.

They are the examples of Simple Past Tense."
He went to party last night.
They visited my house yesterday.
We worked together this morning.

- Asks the students to do Exercise A and B.
- "Ok students, now please look at your worksheet. Please do exercise A and B."
- Checks the answers together.
- "Have you finished, students? Now, let's check the answers together."
- Asks the students to find out the positive, negative and interrogative pattern of Simple Past Tense.


## Post activities

- Gives the students a test.
- "Students, now I have a test for you. Please do it by yourself."
- Says good bye.
- "Ok class, that's all our lesson today. See you next week."


# LESSON PLAN FOR INDUCTIVE GROUP (Third Meeting) 

Subject : English<br>Language Component: Grammar<br>Topic : Past Continuous Tense<br>Grade/Semester : VIII/1<br>Time Allotment : 1x 80 ,<br>Teacher : Desi Kurnia Sandy, S.Pd.

## A. COMPETENCE

1. Basic Competence

- Students comprehend the grammatical rules and the uses of the Past Continuous Tense.

2. Achievement Indicators

Students are able

- to find out the positive pattern of the Past Continuous Tense.
o to find out the negative pattern of the Past Continuous Tense.
0 to find out the interrogative pattern of the Past Continuous Tense.
- to construct positive sentences in the Past Continuous Tense.
- to construct negative sentences in the Past Continuous Tense.
o to construct interrogative sentences in the Past Continuous Tense.
o to combine the Past Continuous Tense with the Simple Past Tense in a sentence discourse.


## B. LEARNING MATERIALS

(See Students' Worksheet)

## C. TEACHING AND LEARNING ACTIVITIES

1. Techniques: question and answer, individual work.
2. Class activities:

| Stages | Activities | Time <br> Allotment |  |
| :--- | :--- | :--- | :---: |
| Pre- <br> Instruc- <br> tional <br> Activities | Greets the students <br> Gives some triggering questions <br> about the new lesson | Answer the questions | $1^{\prime}$ |
| Whilst- <br> Instruc- <br> tional <br> Activities | Provides the uses of the Past <br> Continuous Tense | Distributes a reading passage (see to the explanation <br> Reading Passage 3) <br> Explains about the features of the | Receive the reading passage |


|  | Past Continuous Tense as used in the reading passage <br> Gives some sentences in the Past Continuous Tense as examples <br> Asks the students to do Exercise A and B (see Student's Worksheet 3) <br> Checks the answers together <br> Asks the students to find out the positive, negative and interrogative patterns of the Past Continuous Tense | Listen to the teacher <br> Do Exercise A and B <br> Check the answers together with the teacher <br> Try to find out the positive, negative and interrogative pattern of past continuous tense | 3' <br> $15^{\prime}$ <br> $8^{\prime}$ $10^{\prime}$ |
| :---: | :---: | :---: | :---: |
| Post- <br> Instructional Activities | Gives test (see Test 3) <br> Says good bye | Do the test Say goodbye | 30 1 |

## D. ASSESSMENT

The student's test.

## E. REFERENCE

Achmad Atmawinata ... [et al.]. 2003. Communicative and Meaningful English- For Junior High School. Yudhistira.

## TEACHER'S NOTE (Third Meeting)

## A. BASIC COMPETENCE

Students comprehend the grammatical rules and the uses of the Past Continuous Tense.

## B. TEACHING-LEARNING ACTIVITIES

## Pre activities

- Greets the students
- Good morning, class!
- How are you today?
- Gives triggering questions
- Have you ever learnt Past Continuous Tense?


## Whilst activities

- Provides the uses of Past Continuous Tense.
- "Students, today we will learn about Past Continuous Tense. Do you know what the uses of Past Continuous Tense are? It is used to describe an action in progress at a point of time in the past; and to contrast an ongoing action with a single event which interrupts it."
- Distributes a reading passage.
- "Students, now I'm going to distribute a reading passage to you. One of you please read it out loud."
- Explains about the features of the Past Continuous Tense as used in the reading passage
- Gives some sentences in the Past Continuous Tense as examples
- "Students, now please look at the sentences on the white board. They are the examples of Past Continuous Tense."

She was wearing blue gown.
They were having their lunch.
I was fixing the car.

- Asks the students to do Exercise A and B.
- "Ok students, now please look at your worksheet. Please do exercise A and B."
- Checks the answers together.
- "Have you finished, students? Now, let's check the answers together."
- Asks the students to find out the positive, negative and interrogative pattern of Past Continuous Tense.


## Post activities

- Gives the students a test.
- "Students, now I have a test for you. Please do it by yourself."
- Says good bye.
- "Ok class, that's all our lesson today. See you next week."


# LESSON PLAN FOR INDUCTIVE GROUP (Fourth Meeting) 

Subject<br>: English<br>Language Component: Grammar<br>Topic : Present Perfect Tense<br>Grade/Semester : VIII/1<br>Time Allotment : 1x 80 ,<br>Teacher : Megawati Purnomo

## A. COMPETENCE

1. Basic Competence

- Students comprehend the grammatical rules and the uses of the Present Perfect Tense.

2. Achievement Indicators

Students are able

- to find out the positive pattern of Present Perfect Tense.

0 to find out the negative pattern of Present Perfect Tense.
0 to find out the interrogative pattern of Present Perfect Tense.

- to construct positive sentences in the Present Perfect Tense.
- to construct negative sentences in the Present Perfect Tense.
o to construct interrogative sentences in the Present Perfect Tense.


## B. LEARNING MATERIALS

(See Students' Worksheet)
C. TEACHING AND LEARNING ACTIVITIES

1. Techniques: question and answer, individual work.
2. Class activities:

| Stages | Activities |  | Time Allotment |
| :---: | :---: | :---: | :---: |
|  | Teacher | Students |  |
| Pre- <br> Instruc- <br> tional <br> Activities | Greets the students | Respond to the greeting | $1 '$ |
|  | Gives some triggering questions about the new lesson | Answer the questions | $1 '$ |
| Whilst-Instructional Activities | Provides the uses of Present Perfect Tense | Listen to the explanation | 5 |
|  | Distributes a reading passage (see Reading Passage 4) | Receive the reading passage | $1{ }^{\prime}$ |
|  | Explains about the features of the Present Perfect Tense as used in the reading passage | Listen to the explanation | 5 |


|  | Gives some sentences in the <br> Present Perfect Tense as examples <br> Asks the students to do Exercise A <br> and B (see Student's Worksheet 4) <br> Checks the answers together | Listen to the teacher <br> Do Exercise A and B <br> Check the answers together with <br> the teacher | $8^{\prime}$ |
| :--- | :--- | :--- | :---: |
| Asks the students to find out the <br> positive, negative and interrogative <br> pattern of Present Perfect Tense | Try to find out the positive, <br> negative and interrogative pattern <br> of present perfect tense | $10^{\prime}$ |  |
| Post- <br> Instruc- <br> tional <br> Activities | Gives test (see Test 4) <br> Says good bye | Do the test |  |
| Say goodbye | $30^{\prime}$ |  |  |

D. ASSESSMENT

The student's test.

## E. REFERENCE

Taylor Grant. 1986. Learning American English. McGraw-Hill Book Company.

## TEACHER'S NOTE (Fourth Meeting)

## A. BASIC COMPETENCE

Students comprehend the grammatical rules and the uses of the Present Perfect Tense.

## B. TEACHING-LEARNING ACTIVITIES

## Pre activities

- Greets the students
- Good morning, class!
- How are you today?
- Gives triggering questions
- Have you ever learnt Present Perfect Tense?


## Whilst activities

- Provides the uses of Present Perfect Tense
- "Students, today we will learn about Present Perfect Tense. Do you know what the uses of Present Perfect Tense are? It is used to describe an action that happened in the past, but have a link with the present."
- Distributes a reading passage.
- "Students, now I'm going to distribute a reading passage to you. One of you please read it out loud."
- Explains about the features of the Present Perfect Tense as used in the reading passage
- Gives some sentences in the Present Perfect Tense as examples
- "Students, now please look at the sentences on the white board. They are the examples of Present Perfect Tense."

He has taken the novel.
We have booked the room.
I have heard the news.

- Asks the students to do Exercise A and B.
- "Ok students, now please look at your worksheet. Please do exercise A and B."
- Checks the answers together.
- "Have you finished, students? Now, let's check the answers together."
- Asks the students to find out the positive, negative and interrogative pattern of Present Perfect Tense.


## Post activities

- Gives the students a test.
- "Students, now I have a test for you. Please do it by yourself."
- Says good bye.
- "Ok class, that's all our lesson today. See you next week."


# LESSON PLAN FOR DEDUCTIVE GROUP (First Meeting) 

Subject : English<br>Language Component: Grammar<br>Topic<br>: Simple Present Tense<br>Grade/Semester : VIII/1<br>Time Allotment : 1x $80^{\prime}$<br>Teacher : Desi Kurnia Sandy, S.Pd.

## A. COMPETENCE

1. Basic Competence

- Students comprehend the grammatical rules and the uses of the Simple Present Tense.

2. Achievement Indicators

Students are able to

- construct positive sentences in the Simple Present Tense.
- construct negative sentences in the Simple Present Tense.
o construct interrogative sentences in the Simple Present Tense.


## B. LEARNING MATERIALS

(See Students’ Worksheet)

## C. TEACHING AND LEARNING ACTIVITIES

1. Techniques: question and answer, individual work.
2. Class activities:

| Stages | Activities |  | Time Allotment |
| :---: | :---: | :---: | :---: |
|  | Teacher | Students |  |
|  | Greets the students | Respond to the greeting | $1{ }^{\prime}$ |
| tional Activities | Gives some triggering questions about the new lesson | Answer the questions | $1{ }^{\prime}$ |
| Whilst- <br> Instructional Activities | Provides the uses of Simple Present Tense | Listen to the explanation | 5 |
|  | Explains the positive, negative and interrogative pattern of Simple Present Tense | Listen to the explanation | 8' |
|  | Gives some sentences in the Simple Present Tense as examples | Listen to the teacher | 5 |
|  | Guides the students to make sentences based on the pattern | Make sentences based on the pattern | $6^{\prime}$ |


|  | Asks the students to do Exercise A <br> and B (see Student's Worksheet 1) | Do Exercise A and B | $15^{\prime}$ |
| :--- | :--- | :--- | :---: |
| Checks the answers together | Check the answers together with <br> the teacher | $8^{\prime}$ |  |
| Post- <br> Instruc- <br> tional <br> Activities Sives test (see Test 1) | Do the test | $30^{\prime}$ |  |

D. ASSESSMENT

The student's test.

## E. REFERENCE

Bachtiar Bima Mustriana ... [et al.]. 2007. New Let's Talk Grade VIII for Junior High School (SMP/MTs). Pakar Raya.

# TEACHER'S NOTE (First Meeting) 

## A. BASIC COMPETENCE

Students comprehend the grammatical rules and the uses of the Simple Present Tense.

## B. TEACHING-LEARNING ACTIVITIES

## Pre activities

- Greets the students
- Good morning, class!
- How are you today?
- Gives triggering questions
- Do you know about tenses?
- Have you ever learnt Simple Present Tense?


## Whilst activities

- Provides the uses of Simple Present Tense
- "Students, today we will learn about Simple Present Tense. Do you know what the uses of Simple Present Tense are? It is used for habitual action and general truth."
- Explains about the positive, negative and interrogative patterns of the Simple Present Tense.
- Gives some sentences in the Simple Present Tense as examples
- "Students, now please look at the sentences on the white board. They are the examples of Simple Present Tense."
He walks to school everyday.
They play tennis on Saturdays.
The sun rises in the east.
- Guides the students to make sentences based on the patterns.
- Asks the students to do Exercise A and B.
- "Ok students, now please look at your worksheet. Please do exercise A and B."
- Checks the answers together.
- "Have you finished, students? Now, let's check the answers together."


## Post activities

- Gives the students a test.
- "Students, now I have a test for you. Please do it by yourself."
- Says good bye.
- "Ok class, that's all our lesson today. See you next week."


# LESSON PLAN FOR DEDUCTIVE GROUP (Second Meeting) 

Subject<br>: English<br>Language Component: Grammar<br>Topic<br>: Simple Past Tense<br>Grade/Semester : VIII/1<br>Time Allotment : 1x $80^{\prime}$<br>Teacher : Megawati Purnomo

## A. COMPETENCE

1. Basic Competence

- Students comprehend the grammatical rules and the uses of the Simple Past Tense.

2. Achievement Indicators

Students are able to

- construct positive sentences in the Simple Past Tense.
- construct negative sentences in the Simple Past Tense.
o construct interrogative sentences in the Simple Past Tense.


## B. LEARNING MATERIALS

(See Students’ Worksheet)

## C. TEACHING AND LEARNING ACTIVITIES

1. Techniques: question and answer, individual work.
2. Class activities:

| Stages | Activities |  | Time <br> Allotment |
| :--- | :--- | :--- | :---: |
| Pre- <br> Instruc- <br> tional <br> Activities | Greets the students <br> Gives some triggering questions <br> about the new lesson | Respond to the greeting | $1^{\prime}$ |
| Whilst- <br> Instruc- <br> tional <br> Activities | Provides the uses of Simple Past the questions <br> Tense | Explains the positive, negative and <br> interrogative patterns of the the explanation <br> Simple Past Tense | Listen to the explanation |
| Gives some sentences in the <br> Simple Past Tense as the examples | Listen to the teacher | $5^{\prime}$ |  |
| Guides the students to make <br> sentences based on the pattern | Make sentences based on the <br> pattern | $6{ }^{\prime}$ |  |


|  | Asks the students to do Exercise <br> A and B (Student's Worksheet 2) <br> Checks the answers together | Do Exercise A and B | $15^{\prime}$ |
| :--- | :--- | :--- | :---: |
| Check the answers together with <br> the teacher | $8^{\prime}$ |  |  |
| Post- <br> Instruc- <br> tional <br> Activities <br> Gives test (Test 2) <br> Says good bye | Do the test | $30^{\prime}$ |  |

D. ASSESSMENT

The student's test.

## E. REFERENCE

Akhmadi Ali ... [et al.]. 2005. Smart Steps. The Smartest Way to Learn English. An English Textbook for Junior High School . Ganeca Exact.

## TEACHER'S NOTE (Second Meeting)

## A. BASIC COMPETENCE

Students comprehend the grammatical rules and the uses of the Simple Past Tense.

## B. TEACHING-LEARNING ACTIVITIES

## Pre activities

- Greets the students
- Good morning, class!
- How are you today?
- Gives triggering questions
- Have you ever learnt Simple Past Tense?


## Whilst activities

- Provides the uses of Simple Past Tense
- "Students, today we will learn about Simple Past Tense. Do you know what the use of Simple Past Tense is? It is used for actions that happened in the past."
- Explains the positive, negative and interrogative pattern of Simple Past Tense.
- Gives some sentences in the Simple Past Tense as examples
- "Students, now please look at the sentences on the white board. They are the examples of Simple Past Tense."

He went to party last night.
They visited my house yesterday.
We worked together this morning.

- Guides the students to make sentences based on the patterns.
- Asks the students to do Exercise A and B.
- "Ok students, now please look at your worksheet. Please do exercise A and B."
- Checks the answers together.
- "Have you finished, students? Now, let's check the answers together."


## Post activities

- Gives the students a test.
- "Students, now I have a test for you. Please do it by yourself."
- Says good bye.
- "Ok class, that's all our lesson today. See you next week."


# LESSON PLAN FOR DEDUCTIVE GROUP (Third Meeting) 

Subject : English<br>Language Component: Grammar<br>Topic : Past Continuous Tense<br>Grade/Semester : VIII/1<br>Time Allotment : 1x 80,<br>Teacher : Megawati Purnomo

## A. COMPETENCE

1. Basic Competence

- Students comprehend the grammatical rules and the uses of the Past Continuous Tense.

2. Achievement Indicators

Students are able

- to construct positive sentences in the Past Continuous Tense.
- to construct negative sentences in the Past Continuous Tense.

0 to construct interrogative sentences in the Past continuous Tense.
o to combine the Past Continuous Tense with the Simple Past Tense in a sentence discourse.

## B. LEARNING MATERIALS

(See Students’ Worksheet)

## C. TEACHING AND LEARNING ACTIVITIES

1. Techniques: question and answer, individual work.
2. Class activities:

| Stages | Activities |  | TimeAllotment |
| :---: | :---: | :---: | :---: |
|  | Teacher | Students |  |
| Pre- | Greets the students | Respond to the greeting | $1 '$ |
| tional <br> Activities | Gives some triggering questions about the new lesson | Answer the questions | 1 ' |
| Whilst-Instruc- | Provides the uses of the Past Continuous Tense | Listen to the explanation | 5 ' |
| Activities | Explains the positive, negative and interrogative pattern of the Past Continuous Tense | Listen to the explanation | 8' |
|  | Gives some sentences in the Past Continuous Tense as examples | Listen to the teacher | 5 , |


|  | Guides the students to make <br> sentences based on the pattern <br> Asks the students to do Exercise A <br> and B (see Student's Worksheet 3) | Make sentences based on the <br> pattern <br> Checks the answers together | $6^{\prime}$ <br> Do Exercise A and B <br> Check the answers together with <br> the teacher |
| :--- | :--- | :--- | :---: |
| Post- <br> Instruc- <br> tional <br> Activities <br> Gives test (see Test 3) <br> Says good bye | Do the test <br> Say goodbye |  |  |

## D. ASSESSMENT

The student's test.

## E. REFERENCE

Achmad Atmawinata ... [et al.]. 2003. Communicative and Meaningful English- For Junior High School. Yudhistira.

## TEACHER'S NOTE (Third Meeting)

## A. BASIC COMPETENCE

Students comprehend the grammatical rules and the uses of the Past Continuous Tense.

## B. TEACHING-LEARNING ACTIVITIES

## Pre activities

- Greets the students
- Good morning, class!
- How are you today?
- Gives triggering questions
- Have you ever learnt Past Continuous Tense?


## Whilst activities

- Provides the uses of Past Continuous Tense.
- "Students, today we will learn about Past Continuous Tense. Do you know what the uses of Past Continuous Tense are? It is used to describe an action in progress at a point of time in the past; and to contrast an ongoing action with a single event which interrupts it."
- Explains the positive, negative and interrogative patterns of Past Continuous Tense.
- Gives some sentences in the Past Continuous Tense as examples
- "Students, now please look at the sentences on the white board.

They are the examples of Past Continuous Tense."
She was wearing blue gown.
They were having their lunch.
I was fixing the car.

- Guides the students to make sentences based on the patterns.
- Asks the students to do Exercise A and B.
- "Ok students, now please look at your worksheet. Please do exercise A and B."
- Checks the answers together.
- "Have you finished, students? Now, let's check the answers together."


## Post activities

- Gives the students a test.
- "Students, now I have a test for you. Please do it by yourself."
- Says good bye.
- "Ok class, that's all our lesson today. See you next week."


# LESSON PLAN FOR DEDUCTIVE GROUP (Fourth Meeting) 

Subject<br>: English<br>Language Component: Grammar<br>Topic : Present Perfect Tense<br>Grade/Semester : VIII/1<br>Time Allotment : 1x $80^{\prime}$<br>Teacher : Desi Kurnia Sandy, S.Pd.

## A. COMPETENCE

1. Basic Competence

- Students comprehend the grammatical rules and the uses of the Present Perfect Tense.

2. Achievement Indicators

Students are able

- to construct positive sentences in the Present Perfect Tense.
- to construct negative sentences in the Present Perfect Tense.

0 to construct interrogative sentences in the Present Perfect Tense.

## B. LEARNING MATERIALS

(See Students’ Worksheet)

## C. TEACHING AND LEARNING ACTIVITIES

1. Techniques: question and answer, individual work.
2. Class activities:

| Stages | Activities |  | Time Allotment |
| :---: | :---: | :---: | :---: |
|  | Teacher | Students |  |
|  | Greets the students | Respond to the greeting | $1 '$ |
| tional Activities | Gives some triggering questions about the new lesson | Answer the questions | $1{ }^{\prime}$ |
| Whilst- <br> Instructional Activities | Provides the uses of Present Perfect Tense | Listen to the explanation | 5 |
|  | Explains the positive, negative and interrogative pattern of Present Perfect Tense | Listen to the explanation | 8' |
|  | Gives some sentences in the Present Perfect Tense as examples | Listen to the teacher | 5 |
|  | Guides the students to make sentences based on the pattern | Make the sentences based on the pattern | $6^{\prime}$ |


|  | Asks the students to do Exercise A <br> and B (see Student's Worksheet 4) | Do Exercise A and B | $15^{\prime}$ |
| :--- | :--- | :--- | :---: |
| Checks the answers together | Check the answers together with <br> the teacher | $8^{\prime}$ |  |
| Post- <br> Instruc- <br> tional <br> Activities Sives test (see Test 4) | Do the test | $30^{\prime}$ |  |

D. ASSESSMENT

The student's test.

## E. REFERENCE

Taylor Grant. 1986. Learning American English. McGraw-Hill Book Company.

## TEACHER'S NOTE (Fourth Meeting)

## A. BASIC COMPETENCE

Students comprehend the grammatical rules and the uses of the Present Perfect Tense.

## B. TEACHING-LEARNING ACTIVITIES

## Pre activities

- Greets the students
- Good morning, class!
- How are you today?
- Gives triggering questions
- Have you ever learnt Present Perfect Tense?


## Whilst activities

- Provides the uses of Present Perfect Tense
- "Students, today we will learn about Present Perfect Tense. Do you know what the uses of Present Perfect Tense are? It is used to describe an action that happened in the past, but have a link with the present."
- Explains the positive, negative and interrogative pattern of the Present Perfect Tense.
- Gives some sentences in the Present Perfect Tense as examples
- "Students, now please look at the sentences on the white board. They are the examples of Present Perfect Tense."

He has taken the novel.
We have booked the room.
I have heard the news.

- Guides the students to make sentences based on the patterns.
- Asks the students to do Exercise A and B.
- "Ok students, now please look at your worksheet. Please do exercise A and B."
- Checks the answers together.
- "Have you finished, students? Now, let's check the answers together."


## Post activities

- Gives the students a test.
- "Students, now I have a test for you. Please do it by yourself."
- Says good bye.
- "Ok class, that's all our lesson today. See you next week."


## Reading Passage 1

## Going to the Beach

My family and I like to go to the beach. We go there very often. My mother always prepares some food to take along with us. My father usually drives us there.

When we are there, my mother sits under the shady trees to watch us. My father and I swim in the cool water. My little sister collects seashells on the beach. We always take a walk along the beach before we go home.

## Reading Passage 2

## My Brother's First Day at the Office

Yesterday my brother started to work in his new company. He got up early, and he wore his new uniform.

Before he left home he said goodbye to our parents. Did he go by car? No, he did not. He went to work by motorcycle. He left early. He did not want to get to his office late.

When he got there, he met some people. He greeted them, and he shook hands with them. He talked to them and then he came into his office.

After he finished his work, he directly went home at five o'clock. He was very happy with his new job.

## Reading Passage 3

Mrs. Peter had two children. Sammy was seven years old, and his sister Annie was four. Sammy went to school, but Annie did not. When Sammy was at home, he often played with Annie. Mrs. Peter was free to do her work quietly.

One Saturday morning, the two children were playing in the garden while their mother was preparing the lunch. They were quite happy until Annie suddenly began to cry, and she ran to her mother in the kitchen. Her mother was cooking when she came to the kitchen.

Mrs. Peter stopped cooking and said, 'Why are you crying, Annie?'
'Sammy has broken my toy horse,' Annie answered, crying more loudly.
'How did he break it?' her mother asked.
Annie stopped crying, but she did not answer. After a few seconds, she said, 'I hit him on the head with it.'

## Reading Passage 4

Len was thirty years old, and he had very long hair. He lived in a big city, but one year he did not find any work there. He said to himself, 'I haven't gotten any job for ten years. I should go to another town.' He went to a small town and he began looking for work there. He went to a lot of places, but nobody wanted him.

Then he met an old friend, and this man said to him, 'People in this town don't like long hair. Why don't you go to a barber? He can cut a lot of it off, and then you can get some work.'

Len went to a barber. The barber cut and cut for a long time and then he said to Len, 'Were you in the army a few years ago?'
'Yes, I was,' Len answered. 'Why did you ask that?'
'Because I've found your cap,' the barber said.

## Student's Worksheet 1

## A. Change these sentences into the positive, negative and interrogative forms of the Simple Present Tense.

1. John (play) tennis twice a week in the summer.
a. $(+)$
b. (-)
c. (?) $\qquad$
2. Alex and I (speak) German very well.
a. $\quad(+)$ $\qquad$
b. $(-)$
c. (?)
3. The swimming pool (open) at 9 o'clock every day.
a. $\quad(+)$ $\qquad$
b. $(-)$ $\qquad$
c. (?) $\qquad$
4. My parents (live) in a very small flat.
a. $(+)$ $\qquad$
b. (-)
c. (?) $\qquad$
5. The Olympic Games (take) place every four years.
a. $(+)$
b. (-)
c. (?)
$\qquad$
年
$\qquad$
B. Underline the correct form of the verb in the brackets for each sentence.
6. Nurses (look / looks) after patients in hospitals.
7. His dog (bark / barks) loudly when there are strangers.
8. Mrs. Lee (feed / feeds) her cats twice a day.
9. The children (don't visit / doesn't visit) their grandparents every weekend.
10. Cindy and Maya (listen / listens) to the radio every day.
11. The girl (don't sweep / doesn't sweep) the floor every morning.
12. A crab (walk / walks) sideways.
13. We (eat / eats) food to get energy.
14. The men (read / reads) the newspaper every morning.
15. The babies (don't drink / doesn't drink) milk every four hours.

## Answer Key <br> (Worksheet 1)

## A. Change these sentences into the positive, negative and interrogative forms of the Simple Present Tense.

1. a. $(+)$ John plays tennis twice a week in the summer.
b. (-) John does not play tennis twice a week in the summer.
c. (?) Does John play tennis twice a week in the summer?
2. a. $(+)$ Alex and I speak German very well.
b. (-) Alex and I do not speak German very well.
c. (?) Do Alex and I speak German very well?
3. a. (+) The swimming pool opens at 9 o'clock every day.
b. (-) The swimming pool does not open at 9 o'clock every day.
c. (?) Does the swimming pool open at 9 o'clock every day?
4. a. (+) My parents live in a very small flat.
b. (-) My parents do not live in a very small flat.
c. (?) Do my parents live in a very small flat?
5. a. $(+)$ The Olympic Games take place every four years.
b. (-) The Olympic Games do not take place every four years.
c. (?) Do the Olympic Games take place every four years?
B. Underline the correct word in the brackets for each sentence.
6. Nurses (look / looks) after patients in hospitals.
7. His dog (bark / barks) loudly when there are strangers.
8. Mrs. Lee (feed / feeds) her cats twice a day.
9. The children (don't visit / doesn't visit) their grandparents every weekend.
10. Cindy and Maya (listen / listens) to the radio every day.
11. The girl (don't sweep / doesn't sweep) the floor every morning.
12. A crab (walk / walks) sideways.
13. We (eat / eats) food to get energy.
14. The men (read / reads) the newspaper every morning.
15. The babies (don't drink / doesn't drink) milk every four hours.

## Student's Worksheet 2

## A. Change these sentences into the positive, negative and interrogative forms of the Simple Past tense.

1. My family (have) a vacation last Christmas holiday.
(+) $\qquad$
(-) $\qquad$
(?) $\qquad$
2. The students (make) the teacher angry this morning.
(+) $\qquad$
(-)
(?) $\qquad$
3. My aunt (arrive) at Changi Airport last night.
(+) $\qquad$
(-) $\qquad$
(?) $\qquad$
4. Gerry (meet) a new friend this morning.
(+) $\qquad$
(-) $\qquad$
(?) $\qquad$
5. Merry (go) to Kate's house yesterday.
(+) $\qquad$
(-)
(?) $\qquad$
B. Change the verb in the brackets into the correct form of the Simple Past Tense.
6. Willy (play) football with his friends last week.
7. My sister (make) a birthday card for me two years ago.
8. Linda's cousins (come) to her house yesterday.
9. I (not, wash) my hair this morning.
10. The woman (ask) me a question just now.
11. We (not, clean) the whole house two days ago.
12. That man (save) my life two years ago.
13. He (use) the telephone just now.
14. The gardener (not, water) the plants this afternoon.
15. They (be) absent yesterday.

## Answer Key (Worksheet 2)

## A. Change these sentences into the positive, negative and interrogative forms of the Simple Past tense.

1. (+) My family had a vacation last Christmas holiday.
(-) My family did not have a vacation last Christmas holiday.
(?) Did my family have a vacation last Christmas holiday?
2. ( + ) The students made the teacher angry this morning.
$(-)$ The students did not make the teacher angry this morning.
(?) Did the students make the teacher angry this morning?
3. (+) My aunt arrived at Changi Airport last night.
(-) My aunt did not arrive at Changi Airport last night.
(?) Did my aunt arrive at Changi Airport last night?
4. (+) Gerry met a new friend this morning.
$(-)$ Gerry did not meet a new friend this morning.
(?) Did Gerry meet a new friend this morning?
5. (+) Merry went to Kate's house yesterday.
(-) Merry did not go to Kate's house yesterday.
(?) Did Merry go to Kate's house yesterday?
B. Change the verb in the brackets into the correct form of the Simple Past Tense.
6. played
7. made
8. came
9. did not wash
10. asked
11. did not clean
12. saved
13. used
14. did not water
15. were

## Student's Worksheet 3

## A. Change these sentences into the positive, negative and interrogative forms of the Past Continuous Tense.

1. Ann (work) at 10.30 last night.
(+) $\qquad$
(-) $\qquad$
(?) $\qquad$
2. It (rain) when we went out.
(+) $\qquad$
(-)
(?) $\qquad$
3. They (have) breakfast at 8.15 this morning.
(+) $\qquad$
(-) $\qquad$
(?) $\qquad$
4. Ben and Suzan (write) a letter when the doorbell rang.
(+) $\qquad$
(-) $\qquad$
(?)
5. Tom (wait) for me when I arrived.
(+) $\qquad$
(-) $\qquad$
(?) $\qquad$
B. Underline the correct form of the verb in the brackets for each sentence.
6. I was peeling potatoes in the kitchen when the telephone (rang / was ringing).
7. My father was working in his room while my mother (cooked / was cooking) in the kitchen.
8. I was waiting to cross the road when the accident (happened / was happening).
9. She was walking to school when she (saw / was seeing) Mrs. Lee, our former teacher.
10. I was listening to the radio while my brother (did / was doing) his homework.
11. The baby was sleeping while the mother (sewed / was sewing) a dress.
12. She was doing her homework when she (became / was becoming) sleepy.
13. They were eating breakfast when they (heard / were hearing) someone knocking the door.
14. Mr. Jones was working in the garage while Mrs. Jones (shopped / was shopping).
15. When I first met him, he (worked / was working) in a restaurant.

## Answer Key <br> (Worksheet 3)

## A. Change these sentences into the positive, negative and interrogative forms of the Past Continuous Tense.

1. (+) Ann was working at 10.30 last night.
(-) Ann was not working at 10.30 last night.
(?) Was Ann working at 10.30 last night?
2. $(+)$ It was raining when we went out.
$(-)$ It was not raining when we went out.
(?) Was it raining when we went out?
3. (+) They were having breakfast at 8.15 this morning.
(-) They were not having breakfast at 8.15 this morning.
(?) Were they having breakfast at 8.15 this morning?
4. (+) Ben and Suzan were writing a letter when the doorbell rang.
$(-)$ Ben and Suzan were not writing a letter when the doorbell rang.
(?) Were Ben and Suzan writing a letter when the doorbell rang?
5. (+) Tom was waiting for me when I arrived.
(-) Tom was not waiting for me when I arrived.
(?) Was Tom waiting for me when I arrived?

## B. Underline the correct form of the verb in the brackets for each sentence.

1. I was peeling potatoes in the kitchen when the telephone (rang / was ringing).
2. My father was working in his room while my mother (cooked / was cooking) in the kitchen.
3. I was waiting to cross the road when the accident (happened / was happening).
4. She was walking to school when she (saw / was seeing) Mrs. Lee, our former teacher.
5. I was listening to the radio while my brother (did / was doing) his homework.
6. The baby was sleeping while the mother (sewed / was sewing) a dress.
7. She was doing her homework when she (became / was becoming) sleepy.
8. They were eating breakfast when they (heard / were hearing) someone knocking the door.
9. Mr. Jones was working in the garage while Mrs. Jones (shopped / was shopping).
10. When I first met him, he (worked / was working) in a restaurant.

## Student's Worksheet 4

## A. Change these sentences into the positive, negative and interrogative forms of the Present Perfect Tense.

1. They (tell) Ann many times not to do that.
(+) $\qquad$
(-) $\qquad$
(?) $\qquad$
2. Karen and Kent (go) into the kitchen.
(+) $\qquad$
(-)
(?) $\qquad$
3. Frank (finish) all of the work.
(+) $\qquad$
(-) $\qquad$
(?)
4. Suzan (write) four books.
(+) $\qquad$
(-) $\qquad$
(?) $\qquad$
5. The children (know) him for many years.
(+) $\qquad$
(-)
(?) $\qquad$
B. Underline the correct form of the verb in the brackets for each sentence.
6. Mary (has eaten / have eaten) her dinner.
7. The students (has copied / have copied) the words into their notebooks.
8. The thief (has stolen / have stolen) her diamond bracelet.
9. I (has called / have called) her several times.
10. We (has spent / have spent) $\$ 250$ in the last two weeks.
11. Lucas and William (has been / have been) there since Christmas.
12. Britney (has traveled / have traveled) by air many times.
13. My parents (has heard / have heard) the good news.
14. Her friend (hasn't joined / haven't joined) the club.
15. No one (has given / have given) the correct answer to it.

## Answer Key (Worksheet 4)

## A. Change these sentences into the positive, negative and interrogative forms of the Present Perfect Tense.

1. (+) They have told Ann many times not to do that.
(-) I have not told Ann many times not to do that.
(?) Have they told Ann many times not to do that?
2. (+) Karen and Kent have gone into the kitchen.
(-) Karen and Kent have not gone into the kitchen.
(?) Have Karen and Kent gone into the kitchen?
3. (+) Frank has finished all of the work.
(-) Frank has not finished all of the work
(?) Has Frank finished all of the work?
4. (+) Suzan has written four books.
(-) Suzan has not written four books.
(?) Has Suzan written four books?
5. $(+)$ The children have known him for many years.
(-) The children have not known him for many years.
(?) Have the children known him for many years?
B. Underline the correct form of the verb in the brackets for each sentence.
6. Mary (has eaten / have eaten) her dinner.
7. The students (has copied / have copied) the words into their notebooks.
8. The thief (has stolen / have stolen) her diamond bracelet.
9. I (has called / have called) her several times.
10. We (has spent / have spent) $\$ 250$ in the last two weeks.
11. Lucas and William (has been / have been) there since Christmas.
12. Britney (has traveled / have traveled) by air many times.
13. My parents (has heard / have heard) the good news.
14. Her friend (hasn't joined / haven't joined) the club.
15. No one (has given / have given) the correct answer to it.

## TEST 1

## A. Change these sentences into the positive, negative and interrogative forms of the Simple Present Tense.

1. Brenda and Dave (watch) television every evening.
a. $(+)$
b. (-)
c. (?) $\qquad$
2. My sister (have) a good sense of humor.
a. (+) $\qquad$
b. (-)
c. (?) $\qquad$
B. Underline the correct form of the verb in the brackets for each sentence.
3. The earth (go / goes) round the sun.
4. Vegetarians (don't eat / doesn't eat) meat.
5. The River Amazon (flow / flows) into the Atlantic Ocean.
6. Plants (need / needs) fertilizers to grow well.
7. Every day my brothers (leave / leaves) the house at 6.30 in the morning.
8. The women (don't mop / doesn't mop) the floor every week.
9. A postman (deliver / delivers) letters every day.
10. My parents (save / saves) $\$ 200$ in the bank every month.
11. Cows (give / gives) us milk.
12. My grandmother (grow / grows) a lot of orchids in her garden.
C. Fill in the blanks with the correct form of the Simple Present Tense.

John 1)____(be) in class. Freddy and Charlie 2)___(be) here, but they
3)
5) (not, want) to work. Sarah 4) $\qquad$ (look) like she
$\qquad$ (be) over. Thank God!

## Answer Key <br> (Test 1)

## A. Change these sentences into the positive, negative and interrogative forms of the Simple Present Tense.

1. Brenda and Dave (watch) television every evening.
a. (+) Brenda and Dave watch television every evening.
b. (-) Brenda and Dave do not watch television every evening.
c. (?) Do Brenda and Dave watch television every evening?
2. My sister (have) a good sense of humor.
a. (+) My sister has a good sense of humor.
b. (-) My sister does not have a good sense of humor.
c. (?) Does my sister have a good sense of humor?
B. Underline the correct form of the verb in the brackets for each sentence.
3. The earth (go / goes) round the sun.
4. Vegetarians (don't eat / doesn't eat) meat.
5. The River Amazon (flow / flows) into the Atlantic Ocean.
6. Plants (need / needs) fertilizers to grow well.
7. Every day my brothers (leave / leaves) the house at 6.30 in the morning.
8. The women (don't mop / doesn't mop) the floor every week.
9. A postman (deliver / delivers) letters every day.
10. My parents (save / saves) $\$ 200$ in the bank every month.
11. Cows (give / gives) us milk.
12. My grandmother (grow / grows) a lot of orchids in her garden.

## C. Fill in the blanks with the correct form of the Simple Present Tense.

1. is
2. are
3. do not want
4. looks
5. wants
6. does not like
7. does understand
8. talk
9. do not say
10. does not know
11. cries
12. tries
13. keeps
14. is
15. is

## Test 2

A. Change these sentences into the positive, negative and interrogative forms of the Simple Past tense.

1. Ricky (walk) to school this morning.
a. (+) $\qquad$
b. (-)
c. (?) $\qquad$
2. My mother (go) to the traditional market yesterday.
a. (+)
b. (-)
c. (?)
B. Change the verb in the brackets into the correct form of the Simple Past Tense.
3. Betty (not, cook) the dinner last night.
4. We (see) them last night.
5. They (be) in the garden ten minutes ago.
6. I (make) that dress by hand.
7. My uncle (visit) me last week.
8. The maid (not, sweep) the floor this morning.
9. Keith and Martin (come) to see us last Friday.
10. Ezra (watch) a football match last Saturday night.
11. Paul and I (not, play) tennis together yesterday.
12. George (not, be) at work last week.

## C. Fill in the blanks with the correct form of the Simple Past Tense.

## Lazy Shop Assistants

One day Mr. Eddy 1) $\qquad$ (go) shopping in a big electronic shop. He 2) $\qquad$ (want) to buy an emergency lamp.
When he 3) $\qquad$ (arrive) there, he 4) $\qquad$ (meet) a young shop assistant. The shop assistant 5) (not, serve) him well. He 6) Then Mr. Eddy 8)
$\qquad$ (not, have) emergency lamps.
$\qquad$ (ask) another shop assistant. He 9) $\qquad$ (be) a new shop assistant. He 10) $\qquad$ (not, know) the price of the lamp. Mr. Eddy 11) $\qquad$ (get) annoyed.

Just then the manager 12) (come). Mr. Eddy 13) $\qquad$ (meet) him. The manager 14) 15) $\qquad$ (be) satisfied.

## Answer Key

(Test 2)
A. Change these sentences into the positive, negative and interrogative forms of the Simple Past tense.

1. a. (+) Ricky walked to school this morning.
b. (-) Ricky did not walk to school this morning.
c. (?) Did Ricky walk to school this morning?
2. a. $(+)$ My mother went to the traditional market yesterday.
b. (-) My mother did not go to the traditional market yesterday.
c. (?) Did my mother go to the traditional market yesterday?
B. Change the verb in the brackets into the correct form of the Simple Past Tense.
3. did not cook
4. saw
5. were
6. made
7. visited
8. did not sweep
9. came
10. watched
11. did not play
12. was not
C. Fill in the blanks with the correct form of the Simple Past Tense.
13. went
14. wanted
15. arrived
16. met
17. did not serve
18. said
19. did not have
20. asked
21. was
22. did not know
23. got
24. came
25. met
26. served
27. was

## Test 3

## A. Change these sentences into the positive, negative and interrogative forms of the Past Continuous Tense.

1. We (play) tennis at 10.30 yesterday.
a. $(+)$
b. $(-)$
c. (?)
2. She (wash) the dish when her mother came.
a. $\quad(+)$ $\qquad$
b. $(-)$
c. (?) $\qquad$
B. Underline the correct form of the verb in the brackets for each sentence.
3. I was making a cake when the light (went / was going) out.
4. My dog was walking along quietly when Mr. Peter's dog (attacked / was attacking) mine.
5. He (played / was playing) chess at 9.00 this morning.
6. Dave was watching television while Merry (slept / was sleeping).
7. We had a chat while we (waited / were waiting) for our flights.
8. John took a photograph of me while I (didn't look / wasn't looking).
9. The Browns (had / were having) diner at 8 o'clock yesterday evening.
10. Linda met her uncle while she (shopped / was shopping).
11. Jessie was doing her homework when her father (entered / was entering) her room.
12. Maya was writing a letter when her boss (called / was calling) her.

## C. Use the Simple Past Tense or the Past continuous Tense.

a. My brother and my sister 1) $\qquad$ (talk) about something when I
2) $\qquad$ (walk) into the room.
b. Helen 3)__ (wash) her hair when I 4)__ (call) her.
c. He 5 ) (play) guitar outside when his father 6) (open) the window.
d. Ericka 7) $\qquad$ (cook) when her mother 8) $\qquad$ (come).
e. Henry and Joe 9) $\qquad$ (watch) television while their father 10) (read) a book.

## Answer Key

(Test 3)

## A. Change these sentences into the positive, negative and interrogative forms of the Past Continuous Tense.

1. a. $(+)$ We were playing tennis at 10.30 yesterday.
b. (-) We were not playing tennis at 10.30 yesterday.
c. (?) Were we playing tennis at 10.30 yesterday?
2. a. (+) She was washing the dish when her mother came.
b. (-) She was not washing the dish when her mother came.
c. (?) Was she washing the dish when her mother came?
B. Underline the correct form of the verb in the brackets for each sentence.
3. I was making a cake when the light (went / was going) out.
4. My dog was walking along quietly when Mr. Peter's dog (attacked / was attacking) mine.
5. He (played / was playing) chess at 9.00 this morning.
6. Dave was watching television while Merry (slept / was sleeping).
7. We had a chat while we (waited / were waiting) for our flights.
8. John took a photograph of me while I (didn't look / wasn't looking).
9. The Browns (had / were having) diner at 8 o'clock yesterday evening.
10. Linda met her uncle while she (shopped / was shopping).
11. Jessie was doing her homework when her father (entered / was entering) her room.
12. Maya was writing a letter when her boss (called / was calling) her.

## C. Use the Simple Past Tense or the Past continuous Tense.

1. were talking
2. walked
3. was washing
4. called
5. was playing
6. opened
7. was cooking
8. came
9. were watching
10. was reading

## Test 4

## A. Change these sentences into the positive, negative and interrogative forms of the Present Perfect Tense.

1. Miss Wilson (watch) that movie two times.
a. $(+)$ $\qquad$
b. (-)
c. (?) $\qquad$
2. Carol and Brenda (live) here since 1998.
a. $(+)$ $\qquad$
b. (-)
c. (?) $\qquad$
B. Underline the correct form of the verb in the brackets for each sentence.
3. I (has sent / have sent) a special delivery letter to him.
4. Sharon (has agreed / have agreed) to join the competition.
5. My brothers (has played / have played) badminton for three hours.
6. The girl (has swept / have swept) the floor two times today.
7. We (has bought / have bought) a new car.
8. Sarah (has invited / have invited) a lot of people to come to her party.
9. Diane and Paul (has started / have started) their new job.
10. My sister (has improved / have improved) her English.
11. Mr. Smith (has gone / have gone) to the shop to get a newspaper.
12. The teacher (hasn't taught / haven't taught) us for two weeks.
C. Fill in the blanks with the correct form of the Present Prefect Tense.
13. Margareth $\qquad$ (learn) Spanish for two years.
14. Jack $\qquad$ (not, go) to Switzerland this year.
15. We $\qquad$ (be) here for three days.
16. The beggar $\qquad$ (not, eat) anything for two days.
17. $\qquad$ you (turn) off the air-con?
18. $\qquad$ Mary ever $\qquad$ (play) golf?
19. My father $\qquad$ (work) in the company since for years ago.
20. I $\qquad$ (visit) my grandparents this week.
21. the workers $\qquad$ (finish) their work?
22. Mr. and Mrs. Brown $\qquad$ (not, have) any children yet.

## Answer Key

(Test 4)

## A. Change these sentences into the positive, negative and interrogative forms of the Present Perfect Tense.

1. a. (+) Miss Wilson has watched that movie two times.
b. (-) Miss Wilson has not watched that movie two times.
c. (?) Has Miss Wilson watched that movie two times?
2. a. (+) Carol and Brenda have lived here since 1998.
b. (-) Carol and Brenda have not lived here since 1998.
c. (?) Have Carol and Brenda lived here since 1998 ?
B. Underline the correct form of the verb in the brackets for each sentence.
3. I (has sent / have sent) a special delivery letter to him.
4. Sharon (has agreed / have agreed) to join the competition.
5. My brothers (has played / have played) badminton for three hours.
6. The girl (has swept / have swept) the floor two times today.
7. We (has bought / have bought) a new car.
8. Sarah (has invited / have invited) a lot of people to come to her party.
9. Diane and Paul (has started / have started) their new job.
10. My sister (has improved / have improved) her English.
11. Mr. Smith (has gone / have gone) to the shop to get a newspaper.
12. The teacher (hasn't taught / haven't taught) us for two weeks.
C. Fill in the blanks with the correct form of the Present Prefect Tense.
13. has learned
14. has not gone
15. have been
16. has not eaten
17. have, turned
18. has, played
19. has worked
20. have visited
21. have, finished
22. have not had
