

DATA HASIL PRE TEST

| No. | NAMA | Indikator I | | | | | | | | | | | | | | | | | | INDIKATOR II | | | | | | | | | | | | | | | |
|-----|------|-------------|----|----|----|----|----|----|----|----|---|----|----|---|----|----|---|----|---|--------------|----|----|----|----|---|----|----|----|----|----|---|---|----|----|----|
| | | 43 | 69 | 75 | 83 | 41 | 66 | 47 | 48 | 59 | 2 | 40 | 45 | 3 | 55 | 16 | 4 | 64 | | 39 | 17 | 38 | 72 | 81 | 5 | 42 | 54 | 70 | 37 | 62 | | 6 | 18 | 60 | 78 |
| 1 | RO | 2 | 3 | 2 | 2 | 1 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 1 | 1 | 3 | 38 | 2 | 2 | 4 | 3 | 2 | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 31 |
| 2 | NN | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 2 | 2 | 1 | 1 | 1 | 33 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 4 | 1 | 1 | 21 | |
| 3 | DF | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 3 | 2 | 2 | 2 | 3 | 2 | 1 | 1 | 3 | 2 | 1 | 33 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 2 | 25 | | |
| 4 | AA | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 52 | 2 | 3 | 3 | 2 | 2 | 3 | 2 | 2 | 1 | 3 | 1 | 1 | 2 | 29 | |
| 5 | RMD | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 47 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 36 | | |
| | | | | | | | | | | | | | | | | | | | | 40.6 | | | | | | | | | | | | | 28 | | |

| No. | NAMA | INDOKATOR III | | | | | | | | | | | | | | | | INDIKATOR IV | | | | | | | | | | | | | | | | |
|-----|------|---------------|----|----|---|----|----|---|----|----|----|---|----|----|----|----|----|--------------|---|----|----|----|----|----|----|----|----|----|---|----|----|----|----|----|
| | | 19 | 67 | 77 | 7 | 36 | 57 | 8 | 76 | 20 | 35 | 9 | 21 | 33 | 49 | 65 | | 82 | 1 | 12 | 22 | 24 | 30 | 34 | 51 | 68 | 74 | 11 | | 23 | 50 | 63 | 31 | 46 |
| 1 | RO | 2 | 3 | 3 | 4 | 2 | 3 | 3 | 4 | 4 | 2 | 3 | 3 | 4 | 2 | 4 | 3 | 49 | 1 | 2 | 3 | 2 | 2 | 2 | 4 | 3 | 2 | 3 | 3 | 2 | 2 | 1 | 3 | 35 |
| 2 | NN | 4 | 1 | 2 | 2 | 2 | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 28 | 2 | 4 | 2 | 4 | 2 | 2 | 4 | 5 | 1 | 3 | 1 | 4 | 1 | 3 | 4 | 42 |
| 3 | DF | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 4 | 3 | 4 | 3 | 2 | 2 | 2 | 2 | 45 | 4 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 45 |
| 4 | AA | 2 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 37 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 23 | |
| 5 | RMD | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 31 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 1 | 3 | 2 | 2 | 2 | 2 | 34 |
| | | | | | | | | | | | | | | | | | | 38 | | | | | | | | | | | | | | | | 36 |

| No. | NAMA | INDIKATOR V | | | | | | | | | | | | | | | | Σ | | |
|-----|------|-------------|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|---|----|-----|
| | | 14 | 26 | 56 | 61 | 5 | 15 | 28 | 73 | 85 | 13 | 25 | 44 | 29 | 53 | 84 | 27 | | 8 | |
| 1 | RO | 2 | 3 | 2 | 3 | 2 | 4 | 2 | 4 | 2 | 3 | 3 | 4 | 2 | 2 | 3 | 3 | 2 | 46 | 199 |
| 2 | NN | 5 | 2 | 4 | 4 | 2 | 2 | 2 | 4 | 3 | 3 | 2 | 3 | 1 | 2 | 4 | 2 | 4 | 49 | 173 |
| 3 | DF | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 4 | 4 | 3 | 46 | 194 |
| 4 | AA | 2 | 3 | 3 | 2 | 2 | 3 | 2 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 36 | 177 |
| 5 | RMD | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 27 | 175 |
| | | | | | | | | | | | | | | | | | | | 41 | 918 |

DATA HASIL POST TEST

| No. | JAM/ | Indikator I | | | | | | | | | | | | | | | | | INDIKATOR II | | | | | | | | | | | | | | | | |
|-----|------|-------------|----|----|----|----|----|----|----|----|---|----|----|---|----|----|---|----|--------------|----|----|----|----|---|----|----|----|----|----|---|----|----|----|----|----|
| | | 43 | 69 | 75 | 83 | 41 | 66 | 47 | 48 | 59 | 2 | 40 | 45 | 3 | 55 | 16 | 4 | 64 | 39 | 17 | 38 | 72 | 81 | 5 | 42 | 54 | 70 | 37 | 62 | 6 | 18 | 60 | 78 | | |
| 1 | RO | 4 | 3 | 2 | 3 | 4 | 3 | 4 | 4 | 4 | 2 | 4 | 3 | 3 | 2 | 2 | 4 | 1 | 3 | 55 | 4 | 2 | 4 | 3 | 3 | 4 | 3 | 2 | 4 | 2 | 4 | 2 | 2 | 4 | 43 |
| 2 | NN | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 4 | 3 | 3 | 2 | 4 | 3 | 4 | 3 | 3 | 1 | 3 | 51 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 4 | 1 | 3 | 1 | 33 |
| 3 | DF | 3 | 2 | 3 | 4 | 3 | 4 | 4 | 3 | 2 | 2 | 4 | 3 | 2 | 4 | 3 | 3 | 2 | 1 | 52 | 2 | 3 | 4 | 2 | 4 | 1 | 4 | 4 | 2 | 2 | 2 | 4 | 3 | 3 | 40 |
| 4 | AA | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 2 | 4 | 3 | 4 | 4 | 3 | 2 | 4 | 59 | 3 | 3 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 3 | 4 | 1 | 4 | 2 | 43 |
| 5 | RMD | 4 | 3 | 3 | 2 | 4 | 3 | 3 | 2 | 2 | 4 | 3 | 2 | 4 | 2 | 4 | 3 | 2 | 4 | 55 | 4 | 3 | 3 | 2 | 4 | 4 | 3 | 2 | 4 | 3 | 4 | 3 | 2 | 3 | 44 |
| | | | | | | | | | | | | | | | | | | | 54.4 | | | | | | | | | | | | | | | 41 | |

| No. | JAM/ | INDOKATOR III | | | | | | | | | | | | | | | | INDIKATOR IV | | | | | | | | | | | | | | | | |
|-----|------|---------------|----|----|---|----|----|---|----|----|----|---|----|----|----|----|----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | 19 | 67 | 77 | 7 | 36 | 57 | 8 | 76 | 20 | 35 | 9 | 21 | 33 | 49 | 65 | 82 | 1 | 12 | 22 | 24 | 30 | 34 | 51 | 68 | 74 | 11 | 23 | 50 | 63 | 31 | 46 | | |
| 1 | RO | 3 | 3 | 2 | 4 | 2 | 3 | 3 | 3 | 4 | 3 | 4 | 2 | 4 | 4 | 4 | 50 | 2 | 2 | 3 | 3 | 3 | 2 | 4 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 41 | |
| 2 | NN | 3 | 2 | 2 | 2 | 2 | 3 | 1 | 4 | 1 | 3 | 1 | 1 | 2 | 2 | 3 | 1 | 33 | 4 | 4 | 2 | 4 | 2 | 2 | 4 | 5 | 4 | 3 | 2 | 4 | 1 | 3 | 4 | 48 |
| 3 | DF | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 2 | 2 | 4 | 48 | 4 | 2 | 3 | 4 | 2 | 3 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 47 |
| 4 | AA | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 4 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 44 | 4 | 4 | 4 | 3 | 4 | 2 | 3 | 2 | 4 | 2 | 2 | 1 | 4 | 2 | 43 |
| 5 | RMD | 2 | 4 | 3 | 3 | 2 | 3 | 4 | 2 | 4 | 3 | 4 | 4 | 3 | 3 | 2 | 4 | 50 | 3 | 4 | 4 | 2 | 3 | 4 | 2 | 4 | 2 | 3 | 3 | 2 | 4 | 4 | 3 | 47 |
| | | | | | | | | | | | | | | | | | | 45 | | | | | | | | | | | | | | | 45 | |

| No. | JAM/ | INDIKATOR V | | | | | | | | | | | | | | | | Σ | | |
|-----|------|-------------|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|----|------|-----|
| | | 14 | 26 | 56 | 61 | 5 | 15 | 28 | 73 | 85 | 13 | 25 | 44 | 29 | 53 | 84 | 27 | | 8 | |
| 1 | RO | 4 | 3 | 2 | 3 | 2 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 55 | 244 |
| 2 | NN | 5 | 3 | 4 | 4 | 2 | 2 | 2 | 2 | 3 | 4 | 3 | 3 | 2 | 2 | 4 | 2 | 4 | 51 | 216 |
| 3 | DF | 3 | 3 | 4 | 3 | 4 | 2 | 4 | 4 | 2 | 3 | 3 | 2 | 4 | 3 | 4 | 4 | 3 | 55 | 242 |
| 4 | AA | 4 | 3 | 3 | 2 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 2 | 3 | 4 | 4 | 1 | 51 | 240 |
| 5 | RMD | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 5 | 5 | 4 | 4 | 5 | 66 | 262 |
| | | | | | | | | | | | | | | | | | | 56 | 1204 | |

| No | Nama | Skor (Prct) | Skor (Postes) | (x-y) | (d-Md) | (X _d) ² |
|----|------|-------------|---------------|-------|--------|--------------------------------|
| 1. | RO | 199 | 244 | 45 | -12 | 149 |

| | | | | | | |
|----|----|-----|-----|-----|------|-----|
| 3. | DF | 194 | 242 | 48 | -9.2 | 85 |
| 4. | AA | 177 | 240 | 63 | 5.8 | 34 |
| 5. | RM | 175 | 262 | 87 | 30 | 888 |
| Σ | | 918 | ### | 286 | | ### |

58
7.6

57

45 -7 49
 43 -9 81
 48 -4 16
 63 11 121
 87 35 ###
 184 286 26 ### 20 410 2.6

| NAM | retes | ostes |
|-----|-------|-------|
| RO | 199 | 244 |
| NN | 173 | 216 |
| DF | 194 | 242 |
| AA | 177 | 240 |
| RMD | 175 | 262 |

