

LAMPIRAN 29 : NILAI *PRE TEST* KELAS X E (KONTROL)

| No | Nama                    | Nomor Item |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Total | Nilai |       |
|----|-------------------------|------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-------|-------|
|    |                         | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |       |       |       |
| 1  | AFNY MARVIANA PUTRI     | 1          | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 17    | 56.67 |       |
| 2  | AGUS KURNIAWANSYAH      | 1          | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 16    | 53.33 |       |
| 3  | AGUS YULIANTO           | 1          | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 20    | 66.67 |       |
| 4  | AHMAD DEDI SUWARDI      | 1          | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 17    | 56.67 |       |
| 5  | AJENG PRIMAYANA         | 1          | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1  | 1  | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 19    | 63.33 |       |
| 6  | ARIFFANDO WIJAYA        | 0          | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 0  | 18    | 60.00 |       |
| 7  | ATIKA RAHMAWATI         | 1          | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 16    | 53.33 |       |
| 8  | ATIN FITRIANI           | 0          | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 15    | 50.00 |       |
| 9  | BENNY RACHMAN SYAH      | 1          | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 1  | 0  | 15    | 50.00 |       |
| 10 | FALERIA NOVITA SARI     | 1          | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 0  | 1  | 1  | 0  | 17    | 56.67 |       |
| 11 | HAFID AMRULLOH          | 1          | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 1     | 15    | 50.00 |
| 12 | HIDAYAT ASTRI SARYADI   | 1          | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 15    | 50.00 |       |
| 13 | IKA NURHIKMAH           | 1          | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0  | 1  | 1  | 0  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 1     | 15    | 50.00 |
| 14 | ILHAM SAPUTRA           | 1          | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 0     | 19    | 63.33 |
| 15 | LISTIANA                | 0          | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 19    | 63.33 |       |
| 16 | MOHAMMAD DENDY KY       | 1          | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 1  | 1  | 20    | 66.67 |       |
| 17 | MUFIDAH RISQI FATMALA   | 1          | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 22    | 73.33 |       |
| 18 | MUHAMMAD NUR DWI C      | 1          | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 21    | 70.00 |       |
| 19 | MUTIARA KARVINA ISLAM Y | 1          | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 0  | 18    | 60.00 |       |
| 20 | NANA YULIANA            | 1          | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 22    | 73.33 |       |
| 21 | OCTARINA CHINDI         | 1          | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 21    | 70.00 |       |
| 22 | PUTRI NOVERIA RI        | 1          | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 20    | 66.67 |       |
| 23 | RAHMAT HIDAYAT          | 1          | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 21    | 70.00 |       |
| 24 | RESTI AYU HENDRIANA     | 1          | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 19    | 63.33 |       |
| 25 | RETNO WIDYAWATI         | 1          | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 18    | 60.00 |       |
| 26 | RIRIH HERTIASIH         | 1          | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 1  | 0  | 19    | 63.33 |       |
| 27 | RISQI INDRA CAHYA       | 1          | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 18    | 60.00 |       |
| 28 | SETIA WULANDARI         | 1          | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 18    | 60.00 |       |
| 29 | SINGGIH PRABOWO         | 0          | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 16    | 53.33 |       |
| 30 | SINGGIH DWI PANGESTU    | 1          | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 20    | 66.67 |       |
| 31 | SINTA ALFIANA SARI      | 1          | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 0     | 18    | 60.00 |
| 32 | SISKA ULFIANA           | 1          | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 20    | 66.67 |       |
| 33 | SITI KHOMSATUN          | 1          | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 21    | 70.00 |       |
| 34 | SITI MASRUROH           | 1          | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 20    | 66.67 |       |
| 35 | SITI NOVIANA MUHOHAROH  | 1          | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 0  | 1  | 20    | 66.67 |       |
| 36 | SITI NURJANAH           | 1          | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 0  | 19    | 63.33 |       |
| 37 | YUDI DWI HARDIANSYAH    | 1          | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 20    | 66.67 |       |
| 38 | YUNI TRISNAWATI         | 1          | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 20    | 66.67 |       |

## LAMPIRAN 30 : NILAI POST TEST KELAS X E (KONTROL)

| No | Nama                   | Nomor Item |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Total | Nilai |       |
|----|------------------------|------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-------|-------|
|    |                        | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |       |       |       |
| 1  | AFNY MARVIANA PUTRI    | 1          | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 17    | 56.67 |       |
| 2  | AGUS KURNIAWANSYAH     | 1          | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 17    | 56.67 |       |
| 3  | AGUS YULIANTO          | 1          | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 22    | 73.33 |       |
| 4  | AHMAD DEDI SUWARDI     | 1          | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 18    | 60.00 |       |
| 5  | AJENG PRIMAYANA        | 1          | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 1     | 21    | 70.00 |
| 6  | ARIFFANDO WIJAYA       | 1          | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 0     | 20    | 66.67 |
| 7  | ATIKA RAHMAWATI        | 1          | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 17    | 56.67 |       |
| 8  | ATIN FITRIANI          | 1          | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 17    | 56.67 |       |
| 9  | BENNY RACHMAN SYAH     | 1          | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 1  | 0  | 18    | 60.00 |       |
| 10 | FALERIA NOVITA SARI    | 1          | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 0  | 1  | 1  | 0  | 18    | 60.00 |       |
| 11 | HAFID AMRULLOH         | 1          | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 1  | 17    | 56.67 |       |
| 12 | HIDAYAT ASTRI SARYADI  | 1          | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 16    | 53.33 |       |
| 13 | IKA NURHIKMAH          | 1          | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0  | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 1     | 16    | 53.33 |
| 14 | ILHAM SAPUTRA          | 1          | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 0     | 19    | 63.33 |
| 15 | LISTIANA               | 1          | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 0     | 19    | 63.33 |
| 16 | MOHAMMAD DENDY KY      | 1          | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 1  | 1     | 20    | 66.67 |
| 17 | MUFIDAH RISQI FATMALA  | 1          | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0     | 23    | 76.67 |
| 18 | MUHAMMAD NUR DWI C     | 1          | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 21    | 70.00 |       |
| 19 | MUTIARA KARVINA ISLAMY | 1          | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 18    | 60.00 |       |
| 20 | NANA YULIANA           | 1          | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 23    | 76.67 |       |
| 21 | OCTARINA CHINDI        | 1          | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 21    | 70.00 |       |
| 22 | PUTRI NOVERIA RI       | 1          | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 20    | 66.67 |       |
| 23 | RAHMAT HIDAYAT         | 1          | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 21    | 70.00 |       |
| 24 | RESTI AYU HENDRIANA    | 1          | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 19    | 63.33 |       |
| 25 | RETNO WIDYAWATI        | 1          | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 20    | 66.67 |       |
| 26 | RIRIH HERTIASIH        | 1          | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 1  | 0     | 19    | 63.33 |
| 27 | RISQI INDRA CAHYA      | 1          | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 20    | 66.67 |       |
| 28 | SETIA WULANDARI        | 1          | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 19    | 63.33 |       |
| 29 | SINGGIH PRABOWO        | 1          | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1  | 1  | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 16    | 53.33 |       |
| 30 | SINGGIH DWI PANGESTU   | 1          | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 20    | 66.67 |       |
| 31 | SINTA ALFIANA SARI     | 1          | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 21    | 70.00 |       |
| 32 | SISKA ULFIANA          | 1          | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 0     | 23    | 76.67 |
| 33 | SITI KHOMSATUN         | 1          | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 0     | 22    | 73.33 |
| 34 | SITI MASRUROH          | 1          | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 21    | 70.00 |       |
| 35 | SITI NOVIANA MUHOHAROH | 1          | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 0  | 0     | 21    | 70.00 |
| 36 | SITI NURJANAH          | 1          | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 1  | 19    | 63.33 |       |
| 37 | YUDI DWI HARDIANSYAH   | 0          | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1  | 1  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 1  | 20    | 66.67 |       |
| 38 | YUNI TRISNAWATI        | 1          | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 20    | 66.67 |       |

LAMPIRAN 31 : *GAIN PRETEST - POSTEST* KELAS X E (KONTROL)

| NO | NAMA                   | NILAI <i>PRETEST</i> | NILAI <i>POSTTEST</i> | <i>GAIN</i> |
|----|------------------------|----------------------|-----------------------|-------------|
| 1  | AFNY MARVIANA PUTRI    | 56.67                | 56.67                 | 0.00        |
| 2  | AGUS KURNIAWANSYAH     | 53.33                | 56.67                 | 3.33        |
| 3  | AGUS YULIANTO          | 66.67                | 73.33                 | 6.67        |
| 4  | AHMAD DEDI SUWARDI     | 56.67                | 60.00                 | 3.33        |
| 5  | AJENG PRIMAYANA        | 63.33                | 70.00                 | 6.67        |
| 6  | ARIFFANDO WIJAYA       | 60.00                | 66.67                 | 6.67        |
| 7  | ATIKA RAHMAWATI        | 53.33                | 56.67                 | 3.33        |
| 8  | ATIN FITRIANI          | 50.00                | 56.67                 | 6.67        |
| 9  | BENNY RACHMAN SYAH     | 50.00                | 60.00                 | 10.00       |
| 10 | FALERIA NOVITA SARI    | 56.67                | 60.00                 | 3.33        |
| 11 | HAFID AMRULLOH         | 50.00                | 56.67                 | 6.67        |
| 12 | HIDAYAT ASTRI SARYADI  | 50.00                | 53.33                 | 3.33        |
| 13 | IKA NURHIKMAH          | 50.00                | 53.33                 | 3.33        |
| 14 | ILHAM SAPUTRA          | 63.33                | 63.33                 | 0.00        |
| 15 | LISTIANA               | 63.33                | 63.33                 | 0.00        |
| 16 | MOHAMMAD DENDY KY      | 66.67                | 66.67                 | 0.00        |
| 17 | MUFIDAH RISQI FATMALA  | 73.33                | 76.67                 | 3.33        |
| 18 | MUHAMMAD NUR DWI C     | 70.00                | 70.00                 | 0.00        |
| 19 | MUTIARA KARVINA ISLAMY | 60.00                | 60.00                 | 0.00        |
| 20 | NANA YULIANA           | 73.33                | 76.67                 | 3.33        |
| 21 | OCTARINA CHINDI        | 70.00                | 70.00                 | 0.00        |
| 22 | PUTRI NOVERIA RI       | 66.67                | 66.67                 | 0.00        |
| 23 | RAHMAT HIDAYAT         | 70.00                | 70.00                 | 0.00        |
| 24 | RESTI AYU HENDRIANA    | 63.33                | 63.33                 | 0.00        |
| 25 | RETNO WIDYAWATI        | 60.00                | 66.67                 | 6.67        |
| 26 | RIRIH HERTIASIH        | 63.33                | 63.33                 | 0.00        |
| 27 | RISQI INDRA CAHYA      | 60.00                | 66.67                 | 6.67        |
| 28 | SETIA WULANDARI        | 60.00                | 63.33                 | 3.33        |
| 29 | SINGGIH PRABOWO        | 53.33                | 53.33                 | 0.00        |
| 30 | SINGGIH DWI PANGESTU   | 66.67                | 66.67                 | 0.00        |
| 31 | SINTA ALFIANA SARI     | 60.00                | 70.00                 | 10.00       |
| 32 | SISKA ULFIANA          | 66.67                | 76.67                 | 10.00       |
| 33 | SITI KHOMSATUN         | 70.00                | 73.33                 | 3.33        |
| 34 | SITI MASRUROH          | 66.67                | 70.00                 | 3.33        |
| 35 | SITI NOVIANA MUHOHAROH | 66.67                | 70.00                 | 3.33        |
| 36 | SITI NURJANAH          | 63.33                | 63.33                 | 0.00        |
| 37 | YUDI DWI HARDIANSYAH   | 66.67                | 66.67                 | 0.00        |
| 38 | YUNI TRISNAWATI        | 66.67                | 66.67                 | 0.00        |
|    | RATA-RATA              | 61.75                | 64.82                 | 3.07        |