

LAMPIRAN 13 : NILAI *PRE TEST* KELAS X A (EKSPERIMEN)

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	ADITYA RAMADANI	1	1	1	0	0	1	0	1	1	0	1	1	0	1	0	1	0	1	1	0	0	0	1	0	0	1	0	0	1	1	16	53.33
2	ANDIKA SOFYAN	0	1	1	0	1	1	1	0	0	1	0	0	0	1	1	1	1	1	0	0	1	0	0	1	1	1	0	0	0	0	15	50.00
3	ANISA'UL HAMIDAH	0	1	1	0	0	1	1	1	1	1	1	0	1	1	0	0	0	0	1	1	1	0	1	1	0	1	1	1	1	0	19	63.33
4	ANNIDA UBAUDILAH	0	0	1	1	1	0	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	0	18	60.00
5	ANNISA LESMANA	1	0	1	1	1	0	0	1	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	APRILIANI WIDYANINGSIH	1	1	0	1	0	1	1	1	0	0	1	1	0	0	1	1	0	1	0	1	1	1	0	0	1	0	0	0	0	0	15	50.00
7	DEWI MARATUS S	1	1	1	0	1	1	1	0	1	1	0	0	0	1	1	1	1	1	0	0	0	1	0	1	1	0	1	0	0	1	18	60.00
8	EDO PRAYOGI	1	1	0	1	0	0	1	1	0	1	0	1	0	1	0	1	1	1	0	1	0	1	1	0	1	1	0	1	1	0	18	60.00
9	EKA MARYANA DEWI	1	1	0	1	1	1	0	1	0	1	1	0	1	1	0	0	0	1	1	1	1	0	1	0	1	0	0	0	1	0	17	56.67
10	ELLY FITRIANA	0	1	1	1	0	1	1	1	0	1	0	1	0	1	1	0	0	1	0	1	1	1	0	0	1	0	0	1	1	1	18	60.00
11	HERLINDA APRILIA	1	1	0	0	1	1	1	0	1	0	1	0	0	0	1	1	1	1	1	1	0	1	0	0	0	1	1	1	0	1	18	60.00
12	ICHA ASTIANA	1	1	0	1	1	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	0	0	1	1	1	0	1	1	0	20	66.67
13	ILHAM NURDIANSYAH	1	1	1	1	0	1	0	1	1	1	1	1	0	1	1	1	0	1	0	1	1	1	0	1	0	1	1	0	1	0	21	70.00
14	INDAH KURNIA SARI	1	0	1	0	1	1	1	0	1	1	1	0	1	1	1	0	1	1	0	1	1	0	0	1	1	0	0	0	1	0	18	60.00
15	KHOIRON ARIFIN	1	0	1	1	0	1	0	1	0	0	0	1	0	1	1	0	1	1	0	1	1	0	1	0	1	0	1	1	0	1	17	56.67
16	KHUSNI MUBAROKAH	0	1	0	1	1	1	0	1	1	0	1	0	1	0	1	1	0	1	1	1	0	1	0	1	1	0	0	0	1	1	18	60.00
17	NANDA FIRDA HS	1	0	1	0	1	0	1	0	1	1	0	1	0	1	1	1	0	1	0	1	1	1	0	1	1	0	0	0	1	0	17	56.67
18	NONI NURHAYATI	1	1	1	1	0	1	1	0	1	0	1	1	1	1	0	1	0	1	0	1	1	0	1	1	1	0	0	0	0	1	19	63.33
19	NURUL KHUSNIYAH	1	0	1	0	1	1	0	1	1	0	1	0	1	1	0	1	0	1	0	1	1	0	1	0	1	1	0	1	1	0	18	60.00
20	PARIH IMAM ARDINATA	1	0	1	0	1	0	1	1	0	1	1	0	1	1	1	1	0	1	0	0	1	1	0	1	1	0	1	1	1	0	19	63.33
21	RAHAYU SETIANI	1	1	0	1	1	0	1	0	1	1	0	1	1	0	1	1	1	1	0	1	1	1	0	1	0	1	1	0	1	0	20	66.67
22	RAMDANI IQBAL	1	1	1	0	1	1	1	0	1	1	1	1	1	1	0	1	0	0	1	1	1	1	0	1	0	0	1	1	1	0	21	70.00
23	RIDHO NANDALA	0	0	0	1	1	0	1	1	0	1	1	0	1	1	1	0	1	1	1	0	1	0	1	1	1	0	1	0	1	0	18	60.00
24	RISKA JAMIANA DEWI	1	0	1	1	1	1	0	1	0	0	1	0	1	1	0	1	0	1	1	0	1	0	1	1	0	1	0	1	1	0	18	60.00
25	RISKA KURNIATI	1	0	1	1	0	1	1	1	1	0	1	0	1	0	1	0	1	1	0	1	0	1	0	1	1	0	1	1	1	0	19	63.33
26	RISKA TRIAMALIA	1	1	0	0	0	1	1	1	1	0	1	0	1	1	0	1	0	1	1	0	1	0	1	0	1	0	1	0	0	1	17	56.67
27	RIZA FATONI	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1	1	0	1	0	1	1	1	0	1	1	0	1	0	0	0	19	63.33
28	RIZHA TUNAS MULIA	1	1	0	1	1	0	1	1	0	1	0	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	0	19	63.33
29	ROHAYATI	1	0	1	1	1	0	1	1	0	1	1	1	0	1	1	0	1	0	1	1	0	1	0	1	1	0	0	1	1	0	19	63.33
30	ROISATUL NUR AZIZAH	1	0	1	1	1	1	0	1	0	1	1	0	1	1	0	1	0	1	1	0	0	1	1	1	1	0	1	1	1	1	21	70.00
31	SELLY INDAH A	1	0	1	0	1	0	1	0	1	0	1	1	0	1	0	1	1	1	1	0	1	1	0	1	1	0	1	0	1	0	18	60.00
32	SEPTI DEVI ANDAYU	1	1	1	0	1	1	1	1	0	1	0	1	0	1	1	0	1	0	1	1	0	1	0	1	0	0	1	0	1	0	18	60.00
33	SEPTI NURHAYATI	1	0	1	1	0	1	0	1	1	1	0	1	1	0	1	0	1	1	0	1	0	1	0	1	1	0	1	1	0	0	18	60.00
34	TOMI TAUFIK HIDAYAT	1	0	1	0	1	0	1	0	1	1	1	1	0	1	1	0	1	0	0	1	0	0	0	1	1	0	1	1	1	0	17	56.67
35	TRI LUSMINI	1	0	1	1	0	1	0	1	1	1	1	1	1	0	1	1	0	1	1	1	0	1	0	1	1	0	1	1	1	1	22	73.33
36	WAHYU NURROHMAN	1	0	1	0	1	0	1	1	0	1	1	1	0	1	1	1	0	1	0	1	0	1	1	0	1	1	0	1	1	0	19	63.33
37	WIDYA DWI UTAMI	1	1	0	1	0	1	1	0	1	1	0	1	0	1	0	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	20	66.67
38	ZERLI ANDRIANATA	0	1	0	1	1	0	1	0	1	0	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1	1	1	1	1	0	17	56.67

LAMPIRAN 18 : NILAI *POST TEST* KELAS X A (EKSPERIMEN)

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	ADITYA RAMADANI	1	1	1	1	0	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	0	1	1	0	1	0	0	1	1	22	73.33
2	ANDIKA SOFYAN	1	1	1	1	1	1	1	1	0	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1	0	1	0	1	1	0	23	76.67
3	ANISA'UL HAMIDAH	1	1	1	0	1	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	1	1	1	0	1	1	1	1	0	24	80.00
4	ANNIDA UBAUDILAH	1	0	1	0	1	0	1	1	0	1	0	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	1	1	1	0	20	66.67
5	ANNISA LESMANA	1	0	1	1	1	1	0	1	1	1	1	0	1	0	1	1	1	0	1	1	1	0	1	1	1	0	1	0	1	1	22	73.33
6	APRILIANI WIDYANINGSIH	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0	1	0	1	1	1	0	0	1	1	1	1	1	0	23	76.67
7	DEWI MARATUS S	1	1	1	0	1	1	1	0	1	1	0	1	0	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	24	80.00
8	EDO PRAYOGI	1	1	1	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	0	1	0	1	1	0	1	1	0	1	1	0	22	73.33
9	EKA MARYANA DEWI	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	0	1	0	1	0	1	0	1	0	21	70.00
10	ELLY FITRIANA	1	1	1	1	0	1	1	1	0	1	0	1	0	1	1	0	0	1	0	1	1	1	0	0	1	0	0	1	1	1	19	63.33
11	HERLINDA APRILIA	1	1	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	22	73.33
12	ICHA ASTIANA	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	0	1	0	1	1	0	1	1	0	1	1	1	1	0	23	76.67
13	ILHAM NURDIANSYAH	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	24	80.00
14	INDAH KURNIA SARI	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	0	1	1	0	1	0	1	0	1	1	0	1	1	1	0	22	73.33
15	KHOIRON ARIFIN	1	1	1	1	0	1	0	1	1	1	0	1	1	1	1	0	0	1	0	1	1	0	0	0	1	1	1	1	0	1	20	66.67
16	KHUSNI MUBAROKAH	1	1	0	1	1	1	1	1	1	0	1	1	1	0	1	1	0	1	1	1	0	1	0	1	1	1	1	1	0	1	23	76.67
17	NANDA FIRDA HS	1	0	1	1	1	1	1	0	1	1	1	0	1	1	0	0	1	1	0	1	1	1	1	1	0	0	1	1	1	0	22	73.33
18	NONI NURHAYATI	1	1	1	1	0	1	1	1	1	0	1	1	1	1	0	1	0	1	0	1	1	0	1	1	1	0	1	1	0	1	22	73.33
19	NURUL KHUSNIYAH	1	0	1	1	1	1	0	1	1	1	1	0	1	1	0	1	0	1	1	1	1	0	1	0	1	1	1	0	1	0	21	70.00
20	PARIH IMAM ARDINATA	1	1	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	0	23	76.67
21	RAHAYU SETIANI	1	1	1	1	1	0	1	0	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	0	23	76.67
22	RAMDANI IQBAL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	0	1	1	1	0	25	83.33
23	RIDHO NANDALA	1	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	0	20	66.67
24	RISKA JAMIANA DEWI	1	1	1	1	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	18	60.00
25	RISKA KURNIATI	1	1	1	1	0	1	1	1	1	0	1	0	1	0	1	0	1	1	0	1	0	1	0	1	1	0	1	1	1	0	20	66.67
26	RISKA TRIAMALIA	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	1	0	1	0	1	0	1	0	0	1	22	73.33
27	RIZA FATONI	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	1	1	0	1	0	1	0	1	1	0	1	1	1	0	22	73.33
28	RIZHA TUNAS MULIA	1	1	0	1	1	1	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	0	1	1	1	0	1	0	1	0	22	73.33
29	ROHAYATI	1	0	1	1	0	1	1	1	1	1	1	1	0	1	1	0	1	0	1	1	0	1	0	1	1	1	0	1	1	0	21	70.00
30	ROISATUL NUR AZIZAH	1	1	1	1	1	1	0	1	0	1	1	0	1	1	0	1	0	1	1	0	0	1	1	1	1	0	1	1	1	1	22	73.33
31	SELLY INDAH A	1	0	1	1	1	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	0	1	0	23	76.67
32	SEPTI DEVI ANDAYU	1	1	1	0	1	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	0	1	0	1	0	0	1	0	1	0	20	66.67
33	SEPTI NURHAYATI	1	0	1	1	0	1	0	1	1	1	0	1	1	0	1	0	1	1	0	1	0	1	0	1	1	0	1	1	0	0	18	60.00
34	TOMI TAUFIK HIDAYAT	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	0	1	0	1	1	0	0	0	0	1	1	0	1	1	0	21	70.00
35	TRI LUSMINI	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	0	1	0	1	1	0	1	1	1	1	24	80.00
36	WAHYU NURROHMAN	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	1	0	1	0	1	0	1	1	0	1	1	0	1	1	0	21	70.00
37	WIDYA DWI UTAMI	1	1	1	1	0	1	1	1	1	1	0	1	0	1	0	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	22	73.33
38	ZERLI ANDRIANATA	0	1	1	1	1	0	1	0	1	1	0	1	1	0	1	0	1	0	1	0	1	1	1	0	1	1	1	1	1	0	20	66.67

LAMPIRAN 19 : *GAIN PRETEST - POSTEST* KELAS X A (EKSPERIMEN)

NO	NAMA	NILAI <i>PRETEST</i>	NILAI <i>POSTTEST</i>	<i>GAIN</i>
1	ADITYA RAMADANI	53.33	73.33	20.00
2	ANDIKA SOFYAN	50.00	76.67	26.67
3	ANISA'UL HAMIDAH	63.33	80.00	16.67
4	ANNIDA UBAUDILAH	60.00	66.67	6.67
5	ANNISA LESMANA	63.33	73.33	10.00
6	APRILIANI WIDYANINGSIH	50.00	76.67	26.67
7	DEWI MARATUS S	60.00	80.00	20.00
8	EDO PRAYOGI	60.00	73.33	13.33
9	EKA MARYANA DEWI	56.67	70.00	13.33
10	ELLY FITRIANA	60.00	63.33	3.33
11	HERLINDA APRILIA	60.00	73.33	13.33
12	ICHA ASTIANA	66.67	76.67	10.00
13	ILHAM NURDIANSYAH	70.00	80.00	10.00
14	INDAH KURNIA SARI	60.00	73.33	13.33
15	KHOIRON ARIFIN	56.67	66.67	10.00
16	KHUSNI MUBAROKAH	60.00	76.67	16.67
17	NANDA FIRDA HS	56.67	73.33	16.67
18	NONI NURHAYATI	63.33	73.33	10.00
19	NURUL KHUSNIYAH	60.00	70.00	10.00
20	PARIH IMAM ARDINATA	63.33	76.67	13.33
21	RAHAYU SETIANI	66.67	76.67	10.00
22	RAMDANI IQBAL	70.00	83.33	13.33
23	RIDHO NANDALA	60.00	66.67	6.67
24	RISKA JAMIANA DEWI	60.00	60.00	0.00
25	RISKA KURNIATI	63.33	66.67	3.33
26	RISKA TRIAMALIA	56.67	73.33	16.67
27	RIZA FATONI	63.33	73.33	10.00
28	RIZHA TUNAS MULIA	63.33	73.33	10.00
29	ROHAYATI	63.33	70.00	6.67
30	ROISATUL NUR AZIZAH	70.00	73.33	3.33
31	SELLY INDAH A	60.00	76.67	16.67
32	SEPTI DEVI ANDAYU	60.00	66.67	6.67
33	SEPTI NURHAYATI	60.00	60.00	0.00
34	TOMI TAUFIK HIDAYAT	56.67	70.00	13.33
35	TRI LUSMINI	73.33	80.00	6.67
36	WAHYU NURROHMAN	63.33	70.00	6.67
37	WIDYA DWI UTAMI	66.67	73.33	6.67
38	ZERLI ANDRIANATA	56.67	66.67	10.00
	RATA-RATA	61.23	72.46	11.23