

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	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	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	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	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	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	0	1	0	1	1	0	1	1	1	0	1	0	0	1	0	21	70.00	
19	MUTIARA KARVINA ISLAMY	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	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	1	0	1	1	0	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	0	1	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	1	1	1	0	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	1	1	1	1	0	1	1	1	1	0	1	1	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	0	1	1	1	0	1	1	0	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 MASRUOH	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	0	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	0	1	1	1	1	0	0	0	1	1	0	0	1	0	0	1	0	0	17	56.67
2	AGUS KURNIAWANSYAH	1	1	0	1	0	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	0	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	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	0	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	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	17	56.67		
8	ATIN FITRIANI	1	1	1	1	0	1	0	1	0	1	1	1	1	0	1	0	1	0	1	0	1	0	1	0	0	1	0	0	1	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	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	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	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	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	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	0	1	1	0	1	0	1	0	1	1	1	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	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	0	1	1	1	0	1	0	1	1	20	66.67	
38	YUNI TRISNAWATI	1	1	0	1	1	0	1	1	1	0	1	1	0	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