ASSESSMENT
Department of Agrotechnology
Faculty of Agriculture
University of Islam Malang

Subject : Basics of Microbiology
Credits : 3 credits/ 5.1 ECTS
Subject Code : MKW 60617
Semester : 3
Parallel Class : A, B, C

Appendix 1. Scoring Matrix

Nomenclature	Weight	Final Score	
		Letter Mark	Score average
Assignment	20%	A	80 – 100
Midle semester test	25%	B	70 - <80
Final semester test	25%	C	55 - <70
Practice	20%	D	50 - < 55
Presence	10%	E	0 - <50

Appendix 2. Question samples

1. Microorganisms that have characteristics: the body is in the form of hyphae which are heterotrophs. They can live as obligate parasites, facultative parasites, saprophytes, symbiotic mutualism. By habitat: in water and on land, in places rich in organic matter, humid, slightly acidic, and lack of light, what are the characteristics of what microorganisms? (CLO 1)
2. Microorganism biomass is an index of soil fertility. Soil that contains many kinds of microorganisms, in general it can be said that the soil is a soil with good physical and chemical properties. The high population of microorganisms and the diversity of microorganisms can only be found in soils that have properties that allow these soil microorganisms to thrive and be active. What factors must be met, so that soil microorganisms can grow and develop in the soil? Mention and explain at least 5 factors! (CLO 2)
3. Soil microorganisms are important factors in soil ecosystems, because they affect the cycle and availability of plant nutrients and the stability of soil structure. Microorganismal biomass is the living part of soil organic matter, what is it? Name the types of soil microorganisms and explain the differences. (CLO 3)
4. In addition, the biomass of soil microorganisms is a source of various plant nutrients and also an agent for the formation of these nutrients. In addition, it is an agent that breaks down all organic matter that enters the soil, converting it into the form of simple inorganic compounds, so that plants can use it again. This microbial biomass plays an important role in maintaining soil fertility and in the carbon, nitrogen, phosphorus and sulfur cycles. Explain how the methodology/procedure for determining the abundance of microorganisms in the soil, at least for 2 types of microorganisms. (CLO 4)

Appendix 3. Achievement of CLO

Class A

Meetings	CLO 1 (%)	CLO 2 (%)	CLO 3 (%)	CLO 4 (%)
1	85			
2	67			
3		66		
4		65		
5		66		
6			67	
7			66	
8				66
9				66
10			68	
11	71			
12	75			
13	80			
14	82			
Average	77	66	67	66
Predicate	EXCELLENT	SATISFACTORY	SATISFACTORY	SATISFACTORY

Class B

Meetings	CLO 1 (%)	CLO 2 (%)	CLO 3 (%)	CLO 4 (%)
1	88			
2	72			
3		71		
4		70		
5		70		
6			70	
7			70	
8				72
9				73
10			74	
11	77			
12	76			
13	78			
14	83			
Average	79	70	71	73
Predicate	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT

Class C

Meetings	CLO 1 (%)	CLO 2 (%)	CLO 3 (%)	CLO 4 (%)
1	87			
2	71			
3		69		
4		70		
5		68		
6			68	
7			70	
8				69
9				70
10			71	
11	72			
12	76			
13	81			
14	82			
Average	78	69	70	70
Predicate	EXCELLENT	SATISFACTORY	EXCELLENT	EXCELLENT

Standard

Std num-based AI			**Weighted avg LO based AI**	
70 <= AI	HIGH		70 <= AI	EXCELLENT
60 <= AI < 70	MEDIUM		60 <= AI < 70	SATISFACTORY
50 <= AI < 60	LOW		50 <= AI < 60	DEVELOPING
AI < 50	VERY LOW		AI < 50	UNSATISFACTORY

Appendix 4. Achievement on each student
Class A

SUB-CPMK/BOBOT (NILAI HARIAN)

NO	NPM	NAMA	1	1 (5%)	2	2 (5%)	3	3 (5%)	4	4 (10%)	5	5 (10%)	6	6 (10%)	7	7 (5%)
1	21501031005	NOVA ARDIANSYAH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	21801031001	PRADITA PRIMA DEVIYANT	4.00	0.20	3.32	0.17	4.00	0.20	3.30	0.33	3.26	0.33	3.32	0.33	3.50	0.18
3	21801031003	BHISMA VEGISTA PUTRA P	3.65	0.18	3.65	0.18	3.55	0.18	3.22	0.32	3.25	0.33	3.00	0.30	3.00	0.15
4	21801031004	FERI ADI KURNIAWAN	3.90	0.20	3.90	0.20	3.95	0.20	3.50	0.35	3.25	0.33	3.35	0.34	3.12	0.16
5	21801031005	MUHAMMAD AGUNG HIDAYAT	3.95	0.20	3.73	0.19	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
6	21801031006	MUHAMMAD FADIL	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
7	21801031008	MUHAMMAD KHOIRURROZZIK	3.98	0.20	2.88	0.14	2.88	0.14	2.88	0.29	2.88	0.29	3.00	0.30	3.00	0.15
8	21801031009	SINDRA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	21801031010	DEWI IANAH	4.00	0.20	3.28	0.16	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
10	21801031011	USAGI FARROZIN SHIDQII	3.90	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
11	21801031012	FITA FATMA PRATAMA	4.00	0.20	3.40	0.17	3.40	0.17	3.49	0.35	3.50	0.35	3.69	0.37	3.54	0.18
12	21801031013	MUHAMMAD SYAH RIZAL	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
13	21801031014	AL AMIN	3.90	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
14	21801031016	MIKE SEPTIA PUTRI	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
15	21801031017	MOCHAMAD ALEX	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
16	21801031018	VIVI ALAYDA FATIKASARI	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
17	21801031019	FAKHRURRAZI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	21801031020	ABDUL AJI	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
19	21801031021	INDRA DWI AGUSTIN	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.84	0.38	3.70	0.37	3.00	0.15
20	21801031023	LALU MUHAMMAD DAUD	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
21	21801031024	ARIFATUS SOLIHA	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
22	21801031025	RAGIL BHAKTI AJI	3.90	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
23	21801031026	MUHAMMAD IRVAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	21801031027	ABDURROHMAN SHOLEH	3.90	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
25	21801031028	ACHMAD SYAMSU DUCHA	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
26	21801031029	AULIA MOHAMMAD RAHMAN	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
27	21801031030	ARIF GUNAWAN	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
28	21801031031	MITHA MIFTAHUL JANNAH	3.90	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
29	21801031032	MILA SA'DIYAH ROHMAH	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.55	0.36	3.00	0.15
30	21801031033	MOHAMMAD HADZIQ SHOFIY	3.85	0.19	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.82	0.19
31	21801031036	DIDAN FAIK FUADI	3.75	0.19	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
32	21801031045	RAMA IDRIAS PERMANA	2.00	0.10	1.00	0.05	1.00	0.05	1.00	0.10	2.00	0.20	2.00	0.20	1.00	0.05
Rata-rata			3.39	0.17	2.66	0.13	2.69	0.1	2.6	0.2	2.66	0.27	2.6	0.2	2.62	0.1
Konversi			84.83	4.24	66.53	3.33	66.23	3.3	65.1	6.5	66.35	6.64	66.8	6.6	65.67	3.2
Presentase			85		67		66		6		6		6		6	

NO	8	8 (10%)	9	9 (5%)	10	10 (5%)	11	11 (10%)	12	12 (10%)	13	13 (5%)	14	14 (5%)
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	3.32	0.33	3.00	0.15	3.00	0.15	3.32	0.33	3.00	0.30	3.40	0.17	3.93	0.20
3	3.00	0.30	3.00	0.15	3.67	0.18	3.20	0.32	3.00	0.30	3.15	0.16	3.80	0.19
4	3.06	0.31	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.15	3.00	0.15
5	3.00	0.30	3.00	0.15	3.00	0.15	3.50	0.35	3.75	0.38	3.98	0.20	3.82	0.19
6	3.80	0.38	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.40	0.17	3.98	0.20
7	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	3.60	0.36	3.80	0.19	3.52	0.18
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	3.00	0.30	3.30	0.17	3.20	0.16	3.50	0.35	4.00	0.40	4.00	0.20	4.00	0.20
10	3.00	0.30	4.00	0.20	3.00	0.15	3.00	0.30	3.10	0.31	3.90	0.20	4.00	0.20
11	3.50	0.35	3.00	0.15	3.00	0.15	3.04	0.30	3.20	0.32	3.40	0.17	3.40	0.17
12	3.00	0.30	3.00	0.15	3.00	0.15	3.50	0.35	3.85	0.39	3.45	0.17	3.65	0.18
13	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.08	0.15	4.00	0.20
14	3.00	0.30	3.00	0.15	3.62	0.18	3.80	0.38	3.78	0.38	4.00	0.20	4.00	0.20
15	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	3.10	0.31	4.00	0.20	4.00	0.20
16	3.00	0.30	3.00	0.15	3.60	0.18	3.90	0.39	3.75	0.38	3.90	0.20	4.00	0.20
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.60	0.18	3.40	0.17
19	3.28	0.33	3.32	0.17	3.32	0.17	3.32	0.33	3.32	0.33	3.32	0.17	3.32	0.17
20	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	3.90	0.39	4.00	0.20	4.00	0.20
21	3.00	0.30	3.00	0.15	3.10	0.16	3.84	0.38	4.00	0.40	4.00	0.20	4.00	0.20
22	3.00	0.30	3.00	0.15	3.70	0.19	3.85	0.39	3.94	0.39	4.00	0.20	4.00	0.20
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	3.00	0.30	3.45	0.17	3.00	0.15	3.28	0.33	3.45	0.35	3.55	0.18	3.65	0.18
25	3.00	0.30	3.00	0.15	3.00	0.15	3.35	0.34	3.80	0.38	3.90	0.20	4.00	0.20
26	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	3.50	0.35	4.00	0.20	4.00	0.20
27	3.00	0.30	3.00	0.15	3.00	0.15	3.10	0.31	3.85	0.39	3.90	0.20	4.00	0.20
28	3.00	0.30	3.00	0.15	4.00	0.20	3.55	0.36	3.63	0.36	3.84	0.19	3.90	0.20
29	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	3.58	0.36	3.55	0.18	4.00	0.20
30	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	3.31	0.33	3.82	0.19	3.87	0.19
31	3.00	0.30	3.02	0.15	3.35	0.17	3.35	0.34	3.83	0.38	3.85	0.19	3.86	0.19
32	1.00	0.10	1.50	0.08	1.60	0.08	1.95	0.20	2.00	0.20	2.00	0.10	2.00	0.10
Rata-rata	2.6	0.2	2.6	0.1	2.7	0.1	2.8	0.2	3.0	0.	3.1	0.1	3.	0.
Konversi	65.5	6.5	66.0	3.3	68.0	3.4	70.5	7.0	75.1	7.	79.5	3.9	82.1	4.1
Presentase	6		6		6		7		7		8		8	

NO	NILAI HARIAN Skala 4	NILAI HARIAN Skala 100	Mid Test (25%)	Final Test (25%)	Presence (10%)	Practice (20%)	NILAI AKHIR** ANGKA	NILAI AKHIR** HURUF
1	0.00	0.00	0.00	0.00	31.00	0.00	3.10	E
2	3.36	83.99	89.00	72.00	94.00	85.00	83.45	A
3	3.24	81.01	75.00	52.00	81.00	81.00	72.25	B
4	3.26	81.49	70.00	54.00	100.00	83.00	73.90	B
5	3.30	82.48	68.00	57.00	94.00	81.00	73.35	B
6	3.20	79.98	40.00	40.00	88.00	77.00	60.20	C
7	3.14	78.48	34.00	50.00	81.00	73.00	59.40	C
8	0.00	0.00	0.00	0.00	56.00	0.00	5.60	E
9	3.34	83.48	50.00	43.00	100.00	83.00	66.55	C
10	3.20	80.00	60.00	34.00	88.00	79.00	64.10	C
11	3.40	84.98	82.00	71.00	88.00	85.00	81.05	A
12	3.24	81.00	57.00	70.00	100.00	80.00	73.95	B
13	3.10	77.48	49.00	39.00	94.00	81.00	63.10	C
14	3.34	83.48	70.00	54.00	100.00	81.00	73.90	B
15	3.16	79.00	46.00	38.00	100.00	81.00	63.00	C
16	3.34	83.50	49.00	73.00	100.00	84.00	74.00	B
17	0.00	0.00	0.00	0.00	19.00	0.00	1.90	E
18	3.10	77.50	42.00	38.00	100.00	79.00	61.30	C
19	3.36	84.00	83.00	73.00	100.00	82.00	82.20	A
20	3.24	81.00	62.00	28.00	88.00	77.00	62.90	C
21	3.34	83.48	79.00	55.00	100.00	84.00	77.00	B
22	3.36	83.98	58.00	41.00	100.00	83.00	68.15	C
23	0.00	0.00	0.00	0.00	63.00	0.00	6.30	E
24	3.20	80.01	48.00	33.00	88.00	79.00	60.85	C
25	3.26	81.50	43.00	44.00	100.00	81.00	64.25	C
26	3.20	80.00	54.00	42.00	94.00	76.00	64.60	C
27	3.24	81.00	44.00	35.00	100.00	76.00	61.15	C
28	3.30	82.50	63.00	60.00	100.00	84.00	74.05	B
29	3.24	81.01	62.00	61.00	94.00	85.00	73.35	B
30	3.20	79.98	55.00	31.00	94.00	80.00	62.90	C
31	3.26	81.49	43.00	34.00	94.00	80.00	60.95	C
32	1.60	40.00	54.00	50.00	94.00	81.00	59.60	C

Persentase Mahasiswa Lulus	87.5	%
Persentase Mahasiswa Tidak Lulus	12.5	%
Persentase Nilai Mahasiswa A	9.3	%
Persentase Nilai Mahasiswa B	28.1	%
Persentase Nilai Mahasiswa C	50.0	%

NO	NPM	NAMA	CLO1 Score	CLO2 Score	CLO3 Score	CLO4 Score
1	21501031005	NOVA ARDIANSYAH	0.00	0.00	0.00	0.00
2	21801031001	PRADITA PRIMA DEVIYANT	100.00	95.00	85.00	80.00
3	21801031003	BHISMA VEGISTA PUTRA P	90.00	90.00	80.00	79.00
4	21801031004	FERI ADI KURNIAWAN	100.00	92.00	83.00	80.00
5	21801031005	MUHAMMAD AGUNG HIDAYAT	100.00	94.00	84.00	81.00
6	21801031006	MUHAMMAD FADIL	85.00	89.00	75.00	70.00
7	21801031008	MUHAMMAD KHOIRURROZZIK	86.00	87.00	73.00	69.00
8	21801031009	SINDRA	0.00	0.00	0.00	0.00
9	21801031010	DEWI IANAH	100.00	94.50	85.50	81.50
10	21801031011	USAGI FARROZIN SHIDQII	89.50	88.00	77.50	76.50
11	21801031012	FITA FATMA PRATAMA	100.00	100.00	90.00	85.00
12	21801031013	MUHAMMAD SYAH RIZAL	90.00	89.00	79.00	78.00
13	21801031014	AL AMIN	85.00	83.00	72.00	65.00
14	21801031016	MIKE SEPTIA PUTRI	100.00	94.50	85.50	81.50
15	21801031017	MOCHAMAD ALEX	84.50	87.50	73.50	69.00
16	21801031018	VIVI ALAYDA FATIKASARI	100.00	94.50	85.50	81.50
17	21801031019	FAKHRURRAZI	0.00	0.00	0.00	0.00
18	21801031020	ABDUL AJI	85.00	83.00	72.00	65.00
19	21801031021	INDRA DWI AGUSTIN	100.00	94.50	85.50	81.50
20	21801031023	LALU MUHAMMAD DAUD	90.00	89.00	79.00	78.00
21	21801031024	ARIFATUS SOLIHA	100.00	94.50	85.50	81.50
22	21801031025	RAGIL BHAKTI AJI	100.00	95.00	87.00	83.00
23	21801031026	MUHAMMAD IRVAN	0.00	0.00	0.00	0.00
24	21801031027	ABDURROHMAN SHOLEH	89.50	88.00	77.50	76.50
25	21801031028	ACHMAD SYAMSU DUCHA	93.00	89.50	88.00	82.00
26	21801031029	AULIA MOHAMMAD RAHMAN	89.50	88.00	77.50	76.50
27	21801031030	ARIF GUNAWAN	90.00	89.00	79.00	78.00
28	21801031031	MITHA MIFTAHUL JANNAH	95.00	90.00	89.00	84.00
29	21801031032	MILA SA'DIYAH ROHMAH	89.50	88.00	77.50	76.50
30	21801031033	MOHAMMAD HADZIQ SHOFIY	85.00	88.00	75.00	71.00
31	21801031036	DIDAN FAIK FUADI	93.00	89.50	88.00	82.00
32	21801031045	RAMA IDRIAS PERMANA	65.00	42.00	40.00	35.00

Class B

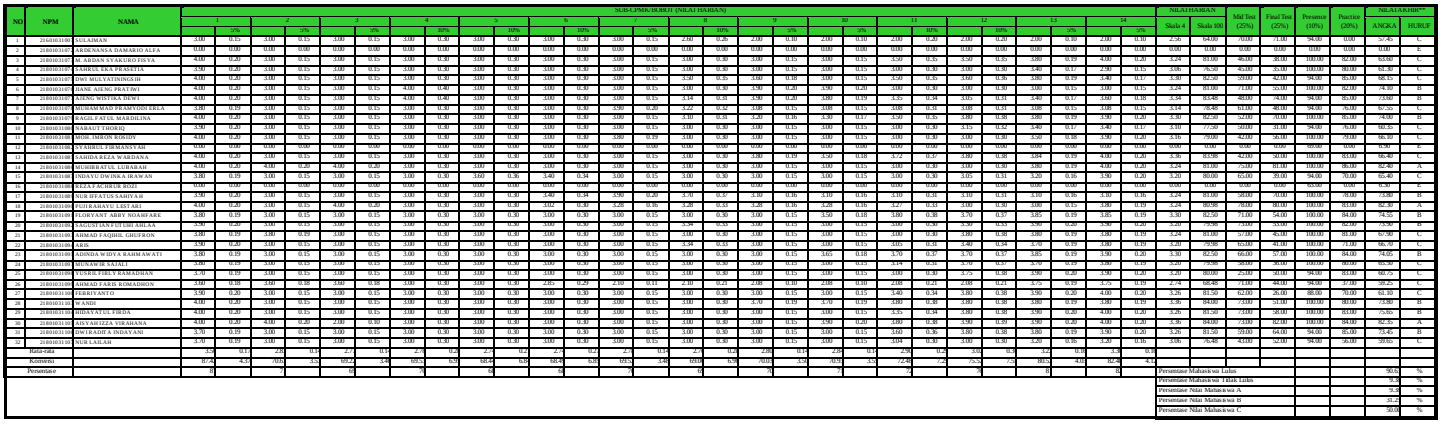
NO	NPM	NAMA	SUB-CPMK/BOBOT (NILAI HARIAN)													
			1		2		3		4		5		6		7	
				5%		5%		5%		10%		10%		10%		5%
1	2170103109	IFBNU KURNIAWAN SUPRIA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	2180103103	KHOIRUN NADHIFAH	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
3	2180103103	SEKAR PUTRI LISNANWATI	4.00	0.20	3.90	0.20	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
4	2180103104	MOH. ZEFI	3.80	0.19	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
5	2180103104	AHMAD SYIFAUS SUDUR AL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	2180103104	SELLA KURNIA DWI NANDA	3.88	0.19	2.90	0.15	2.80	0.14	2.70	0.27	2.80	0.28	2.90	0.29	2.80	0.14
7	2180103104	SEPTIAN TRI KURNIAWAN	3.00	0.15	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.40	0.34	3.20	0.16
8	2180103104	DIYAN NIVITA SARI	3.90	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
9	2180103104	MOH. ABDAI RATHOMI	3.00	0.15	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
10	2180103104	ROFIX FERNANDA	3.90	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
11	2180103105	AHMAD WA'AFIRUL AQLI	3.80	0.19	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
12	2180103105	M. DENI OKPRIANNOR	3.12	0.16	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
13	2180103105	LUCKY HANDY ARDIANSYAH	3.00	0.15	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
14	2180103105	ELSA ROSALIA LARASATI	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
15	2180103105	FEBY SYAHARANI	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
16	2180103105	ERWIN	3.90	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
17	2180103105	ARIZA ALIF PRADANA	3.80	0.19	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
18	2180103105	ZAINAL ABIDIN	3.70	0.19	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
19	2180103105	INDAH MAULIDIYAH	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
20	2180103105	MUHAMMAD REZA SYAHRUL	3.12	0.16	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
21	2180103106	RAHMAT SAMSUDIN	3.90	0.20	3.70	0.19	3.65	0.18	3.60	0.36	3.40	0.34	3.00	0.30	3.00	0.15
22	2180103106	SRI RATNA NINGSIH	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.30	0.17
23	2180103106	FENIA AKNANTASARI	4.00	0.20	3.80	0.19	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
24	2180103106	ENDAH NUR CAYANI	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
25	2180103106	SELVYANA MEILANIAN ANG	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
26	2180103106	RIAN ADI PRANATA	3.70	0.19	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
27	2180103106	ADE NAJIB RISWANI	3.80	0.19	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
28	2180103106	ADRIAN KURNIAWAN	3.90	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
29	2180103107	VAN WIE BRAMASTA CAHYA	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
30	2180103107	MOCH. ALI RUSPENDI	3.40	0.17	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
31	2180103109	JUPRIYADI	4.00	0.20	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.30	3.00	0.15
Rata-rata			3.50	0.18	2.88	0.14	2.82	0.14	2.82	0.28	2.81	0.28	2.82	0.28	2.82	0.14
Konversi			87.60	4.38	72.02	3.60	70.52	3.53	70.40	7.04	70.32	7.03	70.40	7.04	70.40	3.52
Presentase			88		72		71		70		70		70		70	

NO	SUB-CPMK/BOBOT (NILAI HARIAN)													
	8		9		10		11		12		13		14	
		10%		5%		5%		10%		10%		5%		5%
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	3.20	0.32	3.90	0.20	3.90	0.20
3	3.00	0.30	3.00	0.15	3.00	0.15	3.54	0.35	3.67	0.37	3.77	0.19	3.92	0.20
4	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	3.05	0.31	3.30	0.17	3.78	0.19
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	2.90	0.29	2.90	0.15	2.92	0.15	3.00	0.30	3.00	0.30	3.00	0.15	3.00	0.15
7	3.20	0.32	3.15	0.16	3.20	0.16	3.72	0.37	3.00	0.30	3.00	0.15	3.00	0.15
8	3.02	0.30	3.59	0.18	3.67	0.18	3.55	0.36	3.76	0.38	4.00	0.20	3.97	0.20
9	3.00	0.30	3.00	0.15	3.00	0.15	2.42	0.24	1.64	0.16	1.89	0.09	2.00	0.10
10	3.30	0.33	3.40	0.17	3.00	0.15	3.15	0.32	3.53	0.35	3.67	0.18	3.87	0.19
11	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.32	0.17	3.87	0.19
12	3.00	0.30	3.00	0.15	3.00	0.15	3.30	0.33	3.54	0.35	3.90	0.20	3.50	0.18
13	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.15	3.00	0.15
14	3.00	0.30	3.00	0.15	3.00	0.15	3.48	0.35	3.70	0.37	3.50	0.18	3.92	0.20
15	3.00	0.30	3.20	0.16	3.90	0.20	3.80	0.38	3.70	0.37	3.80	0.19	3.90	0.20
16	3.00	0.30	3.00	0.15	3.00	0.15	3.50	0.35	3.63	0.36	3.78	0.19	3.87	0.19
17	3.50	0.35	3.50	0.18	3.20	0.16	3.62	0.36	3.45	0.35	3.45	0.17	3.12	0.16
18	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.15	3.48	0.17
19	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	3.00	0.30	3.02	0.15	3.97	0.20
20	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	2.92	0.29	3.45	0.17	3.78	0.19
21	3.20	0.32	3.32	0.17	3.32	0.17	3.32	0.33	3.32	0.33	3.32	0.17	3.32	0.17
22	3.50	0.35	3.08	0.15	3.00	0.15	3.00	0.30	3.02	0.30	3.00	0.15	3.78	0.19
23	3.20	0.32	3.40	0.17	3.32	0.17	3.50	0.35	3.40	0.34	3.30	0.17	3.97	0.20
24	3.00	0.30	3.20	0.16	3.90	0.20	3.80	0.38	3.70	0.37	3.80	0.19	3.90	0.20
25	3.26	0.33	3.52	0.18	3.90	0.20	3.65	0.37	3.60	0.36	3.45	0.17	3.90	0.20
26	3.00	0.30	2.76	0.14	3.00	0.15	3.00	0.30	3.00	0.30	3.00	0.15	3.35	0.17
27	3.00	0.30	3.00	0.15	3.00	0.15	3.60	0.36	3.68	0.37	3.65	0.18	3.78	0.19
28	3.00	0.30	3.00	0.15	3.02	0.15	3.52	0.35	3.40	0.34	3.50	0.18	3.73	0.19
29	3.00	0.30	3.20	0.16	3.50	0.18	3.67	0.37	3.40	0.34	3.02	0.15	3.12	0.16
30	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	3.40	0.34	3.00	0.15	3.00	0.15
31	3.00	0.30	3.00	0.15	3.00	0.15	3.00	0.30	2.18	0.22	2.92	0.15	2.92	0.15
Rata-rata	2.87	0.29	2.91	0.15	2.96	0.15	3.07	0.31	3.03	0.30	3.12	0.16	3.31	0.17
Konversi	71.84	7.18	72.76	3.64	74.07	3.70	76.73	7.67	75.72	7.57	77.99	3.90	82.76	4.14
Presentase	72		73		74		77		76		78		83	

NO	NILAI HARIAN		Mid Test (25%)	Final Test (25%)	Presence (10%)	Practice (20%)	NILAI AKHIR**	
	Skala 4	Skala 100					ANGKA	HURUF
1	0.00	0.00	0.00	0.00	13.00	0.00	1.30	E
2	3.16	79.00	74.00	52.00	100.00	82.00	73.70	B
3	3.30	82.51	91.00	76.00	100.00	87.00	85.65	A
4	3.10	77.48	55.00	34.00	88.00	65.00	59.55	C
5	0.00	0.00	0.00	0.00	31.00	0.00	3.10	E
6	2.94	73.50	38.00	46.00	100.00	76.00	60.90	C
7	3.16	78.99	42.00	55.00	81.00	11.00	50.35	D
8	3.34	83.49	45.00	79.00	100.00	81.00	73.90	B
9	2.70	67.51	70.00	78.00	81.00	10.00	60.60	C
10	3.24	81.00	48.00	31.00	81.00	77.00	59.45	C
11	3.10	77.49	54.00	75.00	100.00	79.00	73.55	B
12	3.16	79.00	0.00	0.00	94.00	12.00	27.60	E
13	3.00	75.00	45.00	37.00	100.00	78.00	61.10	C
14	3.24	80.98	59.00	67.00	100.00	81.00	73.90	B
15	3.34	83.50	66.00	55.00	100.00	84.00	73.75	B
16	3.24	81.01	75.00	52.00	100.00	80.00	73.95	B
17	3.26	81.51	53.00	42.00	88.00	75.00	63.85	C
18	3.06	76.48	61.00	46.00	100.00	80.00	68.05	C
19	3.10	77.49	58.00	73.00	100.00	77.00	73.65	B
20	3.06	76.49	54.00	31.00	81.00	76.00	59.85	C
21	3.36	84.01	58.00	70.00	88.00	75.00	72.60	B
22	3.16	79.00	54.00	76.00	100.00	76.00	73.50	B
23	3.30	82.49	82.00	76.00	100.00	81.00	82.20	A
24	3.34	83.50	59.00	64.00	100.00	83.00	74.05	B
25	3.34	83.49	64.00	61.00	100.00	80.00	73.95	B
26	3.04	76.01	40.00	45.00	88.00	73.00	59.85	C
27	3.24	80.99	51.00	30.00	81.00	77.00	59.95	C
28	3.20	79.99	52.00	34.00	94.00	78.00	62.50	C
29	3.20	79.98	62.00	32.00	94.00	78.00	64.50	C
30	3.06	76.50	65.00	36.00	100.00	76.00	65.75	C
31	2.96	74.00	55.00	31.00	81.00	76.00	59.60	C
Rata-rata								
Konversi								
Presentase	Persentase Mahasiswa Lulus						87.10	%
	Persentase Mahasiswa Tidak Lulus						12.90	%
	Persentase Nilai Mahasiswa A						6.45	%
	Persentase Nilai Mahasiswa B						35.48	%
	Persentase Nilai Mahasiswa C						45.16	%

NO	NPM	NAMA	CLO1	CLO2	CLO3	CLO4
			Score	Score	Score	Score
1	21701031093	IFBNU KURNIAWAN SUPRIA	0.00	0.00	0.00	0.00
2	21801031038	KHOIRUN NADHIFAH	92.00	80.00	83.00	90.00
3	21801031039	SEKAR PUTRI LISNANWATI	100.00	90.00	93.00	95.00
4	21801031040	MOH. ZEFI	89.50	79.50	81.00	87.00
5	21801031042	AHMAD SYIFAUS SUDUR AL	0.00	0.00	0.00	0.00
6	21801031043	SELLA KURNIA DWI NANDA	82.00	74.00	78.00	80.00
7	21801031044	SEPTIAN TRI KURNIAWAN	90.00	80.00	82.20	89.50
8	21801031047	DIYAN NIVITA SARI	100.00	93.00	95.00	96.00
9	21801031048	MOH. ABDAI RATHOMI	75.00	68.00	69.00	72.00
10	21801031049	ROFIX FERNANDA	92.50	81.50	84.00	92.00
11	21801031050	AHMAD WA'AFIRUL AQLI	89.00	78.00	80.00	85.00
12	21801031051	M. DENI OKPRIANNOR	92.00	80.00	83.00	90.00
13	21801031052	LUCKY HANDY ARDIANSYAH	85.00	75.00	80.00	82.00
14	21801031053	ELSA ROSALIA LARASATI	92.50	81.50	84.00	92.00
15	21801031054	FEBY SYAHARANI	100.00	93.00	95.00	96.00
16	21801031055	ERWIN	92.50	81.50	84.00	92.00
17	21801031056	ARIZA ALIF PRADANA	92.50	81.50	84.00	92.00
18	21801031057	ZAINAL ABIDIN	85.00	75.00	80.00	82.00
19	21801031058	INDAH MAULIDIYAH	89.00	78.00	80.00	85.00
20	21801031059	MUHAMMAD REZA SYAHRUL	89.50	79.50	81.00	87.00
21	21801031060	RAHMAT SAMSUDIN	100.00	93.00	95.00	96.00
22	21801031061	SRI RATNA NINGSIH	92.00	80.00	83.00	90.00
23	21801031062	FENIA AKNANTASARI	92.50	81.50	84.00	92.00
24	21801031065	ENDAH NUR CAYANI	100.00	93.00	95.00	96.00
25	21801031066	SELVYANA MEILANIAN ANG	100.00	93.00	95.00	96.00
26	21801031067	RIAN ADI PRANATA	85.00	75.00	80.00	82.00
27	21801031068	ADE NAJIB RISWANI	92.50	81.50	84.00	92.00
28	21801031069	ADRIAN KURNIAWAN	92.00	80.00	83.00	90.00
29	21801031070	VAN WIE BRAMASTA CAHYA	92.00	80.00	83.00	90.00
30	21801031071	MOCH. ALI RUSPENDI	89.50	79.50	81.00	87.00
31	21801031096	JUPRIYADI	85.00	75.00	80.00	82.00

Class B



NO	NPM	NAMA	CLO1	CLO2	CLO3	CLO4
			Score	Score	Score	Score
1	21601031007	SULAIMAN	75.00	62.00	69.00	69.00
2	21801031072	ARDENANSA DAMARIO ALFA	0.00	0.00	0.00	0.00
3	21801031073	M. ABDAN SYAKURO FISYA	100.00	81.00	90.00	90.00
4	21801031074	SAHRUL EKA PRASETIA	89.00	77.00	80.00	80.00
5	21801031075	DWI MULYATININGSIH	100.00	85.00	93.00	93.00
6	21801031076	JIANE AJENG PRATIWI	100.00	81.00	90.00	90.00
7	21801031077	AJENG WISTIKA DEWI	100.00	87.00	93.50	94.00
8	21801031078	MUHAMMAD PRAMYODI ERLA	92.00	78.00	82.50	83.00
9	21801031079	RAGIL FATUL MARDILINA	97.00	85.00	93.00	93.00
10	21801031080	NABAUT THORIQ	89.50	77.50	82.00	82.00
11	21801031081	MOH. IMRON ROSIDY	93.00	79.00	84.00	84.50
12	21801031082	SYAHRUL FIRMANSYAH	0.00	0.00	0.00	0.00
13	21801031085	SAHIDA REZA WARDANA	100.00	89.00	95.00	95.00
14	21801031086	MUHIBBATUL LUBABAH	100.00	81.00	90.00	90.00
15	21801031087	INDAYU DWINKA IRAWAN	100.00	80.00	89.00	89.00
16	21801031088	REZA FACHRUR ROZI	0.00	0.00	0.00	0.00
17	21801031089	NUR IFFATUS SAHIYAH	100.00	81.00	90.00	90.00
18	21801031090	PUJI RAHAYU LESTARI	99.00	80.00	89.00	90.00
19	21801031091	FLORYANT ABBY NOAHFARE	100.00	85.00	93.00	93.00
20	21801031092	SAGUSTIAN FUTUHI AHLAA	93.00	79.00	84.00	84.50
21	21801031093	AHMAD FAQIHIL GHUFRON	100.00	81.00	90.00	90.00
22	21801031094	ARIS	93.00	79.00	84.00	84.50
23	21801031095	ADINDA WIDYA RAHMAWATI	100.00	85.00	93.00	93.00
24	21801031097	MUNAWIR SAJALI	93.00	79.00	84.00	84.50
25	21801031098	YUSRIL FIRLY RAMADHAN	100.00	80.00	89.00	89.00
26	21801031099	AHMAD FARIS ROMADHON	77.00	63.00	70.00	72.00
27	21801031100	FEBRIYANTO	100.00	81.00	90.00	90.00
28	21801031103	WANDI	100.00	89.00	95.00	95.00
29	21801031104	HIDAYATUL FIRDA	100.00	81.00	90.00	90.00
30	21801031105	AISYAH IZZA VIRAHANA	100.00	89.00	95.00	95.00
31	21801031106	DWI RADITA INDAYANI	100.00	81.00	90.00	90.00
32	21801031107	NUR LAILAH	89.00	77.00	80.00	80.00