



RAB IPA SMK 2015

NO	NAMA BARANG	QUANTITY	@ HARGA	JUMLAH
		JML		
LABORATORIUM IPA SMK				
1	Botol Zat 100 ml	24	34,000	816,000
2	Botol Zat 500 ml	24	64,000	1,536,000
3	Pipet Tetes 20 cm	200	3,400	680,000
4	Batang Pengaduk Diameter 5 mm, panjang 20 cm	40	15,710	628,400
5	Gelas Beaker 50 ml	12	26,000	312,000
6	Gelas Beaker 150 ml	12	37,000	444,000
7	Gelas Beaker 250 ml	12	40,000	480,000
8	Gelas Beaker 500 ml	24	60,000	1,440,000
9	Gelas Beaker 1,000 ml	24	64,000	1,536,000
10	Gelas Beaker 2,000 ml	24	400,000	9,600,000
11	Labu erlenmeyer 250 ml	50	40,000	2,000,000
12	Labu Takar 50 ml	20	170,000	3,400,000
13	Labu Takar 100 ml	20	200,000	4,000,000
14	Labu Takar 1,000 ml	6	360,000	2,160,000
15	Pipet Volume 5 ml	8	87,000	696,000
16	Pipet Volume 10 ml	8	110,000	880,000
17	Pipet Seukuran 10 ml	8	18,000	144,000
18	Pipet Seukuran 25 ml	8	50,000	400,000
19	Pipet Seukuran 50 ml	8	91,500	732,000
20	Corong Diameter 10 Cm	20	50,000	1,000,000
21	Mortal + alu Diameter 7 cm	10	100,000	1,000,000
22	Botol Semprot 500 ml	20	37,830	756,600
23	Gelas Ukur 10 ml	12	15,000	180,000
24	Gelas Ukur 50 ml	12	20,000	240,000
25	Gelas Ukur 100 ml	12	23,000	276,000





26	Gelas Ukur 500 ml	2	85,000	170,000
27	Gelas Ukur 1,000 ml	2	135,000	270,000
28	Buret + Klem	2	445,000	890,000
29	Statif dan Klem	20	485,000	9,700,000
30	Kaca Arloji Diameter 10 Cm	20	32,120	642,400
31	Neraca 4 lengan 10 mg	2	2,050,000	4,100,000
32	Termometer 0 - 100 C	12	42,835	514,020
33	Pembakar Spirtus	12	53,540	642,480
34	Kaki Tiga + Kasa	12	80,000	960,000
35	Stopwatch ketelitian 0.2 s	12	425,000	5,100,000
36	Tabung Reaksi 20 ml	100	5,200	520,000
37	RAK Tabung Reaksi	10	25,000	250,000
38	Sikat Tabung Reaksi Diameter 1 Cm	12	5,500	66,000
39	Cawan Penguap Diameter 7 cm	12	50,000	600,000
40	Mistar 50 cm	6	19,500	117,000
41	Rolmeter 10 m	6	95,000	570,000
42	Jangka Sorong 0,1 mm	6	109,000	654,000
43	Mikrometer 0,01 mm	6	475,000	2,850,000
44	Multimeter AC/DC 10 kilo ohm	10	202,000	2,020,000
	MEDIA PENDIDIKAN			
1	Papan Tulis 90 x 200 cm	2	600,000	1,200,000
1	BAHAN HABIS PAKAI	8	3,387,140	27,097,120
	PERLENGKAPAN LAIN			
1	Socket Listrik	18	112,200	2,019,600
2	Alat Pemadam kebakaran,	2	969,000	1,938,000
3	Peralatan P3K	2	671,500	1,343,000
4	Tempat Sampah	2	75,000	150,000
5	Jam Dinding	2	150,000	300,000
	TOTAL KESELURUHAN			100,020,620





RAB KIMIA SMK 2015

NO	NAMA BARANG	QUANTITY	@ HARGA	JUMLAH
		JML		
LABORATORIUM KIMIA				
1	Botol Zat 100 ml	24	34,000	816,000
2	Botol Zat 250 ml	24	44,500	1,068,000
3	Botol Zat 500 ml	24	64,000	1,536,000
4	Pipet Tetes 20 cm	100	3,400	340,000
5	Batang Pengaduk Diameter 5 mm, panjang 20 cm	25	15,700	392,500
6	Batang Pengaduk Diameter 10 mm, panjang 20 cm	25	35,000	875,000
7	Gelas Beaker 50 ml	12	26,000	312,000
8	Gelas Beaker 150 ml	12	37,000	444,000
9	Gelas Beaker 250 ml	12	40,000	480,000
10	Gelas Beaker 500 ml	3	60,000	180,000
11	Gelas Beaker 1,000 ml	3	64,000	192,000
12	Gelas Beaker 2,000 ml	3	400,000	1,200,000
13	Labu erlenmeyer 250 ml	25	40,000	1,000,000
14	Labu Takar 50 ml	50	170,000	8,500,000
15	Labu Takar 100 ml	50	200,000	10,000,000
16	Labu Takar 1,000 ml	3	360,000	1,080,000
17	Pipet Volume 5 ml	30	87,000	2,610,000
18	Pipet Volume 10 ml	30	110,000	3,300,000
19	Pipet Seukuran 10 ml	30	18,000	540,000
20	Pipet Seukuran 25 ml	30	50,000	1,500,000
21	Pipet Seukuran 50 ml	30	91,500	2,745,000
22	Corong Diameter 5 Cm	30	46,000	1,380,000
23	Corong Diameter 10 Cm	3	50,000	150,000
24	Mortal + alu Diameter 7 cm	6	100,000	600,000
25	Mortal + alu Diameter 15 cm	1	165,000	165,000





26	Botol Semprot 500 ml	15	37,800	567,000
27	Gelas Ukur 10 ml	15	15,000	225,000
28	Gelas Ukur 50 ml	15	20,000	300,000
29	Gelas Ukur 100 ml	15	23,000	345,000
30	Gelas Ukur 500 ml	3	85,000	255,000
31	Gelas Ukur 1,000 ml	3	135,000	405,000
32	Buret + Klem	10	445,000	4,450,000
33	Statif dan Klem	10	485,000	4,850,000
34	Kaca Arloji Diameter 10 Cm	10	32,120	321,200
35	Corong Pisah 100 ml	10	335,000	3,350,000
36	Alat Destilasi 100 ml	2	1,550,000	3,100,000
37	Neraca 4 lengan 10 mg	2	2,050,000	4,100,000
38	PH Meter Analog ketelitian 0,2	2	975,000	1,950,000
39	PH Meter Digital ketelitian 0,1	2	975,000	1,950,000
40	Centrifuge 4 tabung	4	1,525,000	6,100,000
41	Barometer	5	870,000	4,350,000
42	Termometer 0 - 100 C	4	42,830	171,320
43	Multimeter AC/DC 10 Kilo Ohm/Volt	6	202,000	1,212,000
44	Pembakar Spirtus	8	53,540	428,320
45	Kaki Tiga + Kasa	8	80,000	640,000
46	Stopwatch ketelitian 0.2 s	4	425,000	1,700,000
47	Kalorimeter tekanan tetap	8	260,000	2,080,000
48	Tabung Reaksi 20 ml	100	5,200	520,000
49	RAK Tabung Reaksi	4	25,000	100,000
50	Sikat Tabung Reaksi Diameter 1 Cm	10	5,520	55,200
51	Tabung Centrifuge	6	26,770	160,620
52	Tabel Unsur periodik	3	114,945	344,835
53	Model Molekul	8	525,000	4,200,000
54	Buku Manual Percobaan	4	75,000	300,000
	MEDIA PENDIDIKAN			
1	Papan Tulis 90 x 200 cm	1	600,000	600,000





1	BAHAN HABIS PAKAI	1	7,575,300	7,575,300
	PERLENGKAPAN LAIN			
1	Socket Listrik	9	112,200	1,009,800
2	Peralatan P3K	1	671,500	671,500
3	Tempat Sampah	1	75,000	75,000
4	Jam Dinding	1	150,000	150,000
	TOTAL KESELURUHAN			100,017,595





RAB FISIKA SMK 2015

NO	NAMA BARANG	QUANTITY	@ HARGA	JUMLAH
		JML		
LABORATORIUM FISIKA				
1	Mistar 50 cm	4	19,500	78,000
2	Rolmeter 10 m	4	95,000	380,000
3	Jangka Sorong 0,1 mm	4	109,000	436,000
4	Mikrometer 0,01 mm	4	475,000	1,900,000
5	Kubus massa sama 4 jenis , massa 100 g	4	272,250	1,089,000
6	Silinder massa sama 4 Jenis, Massa 100 g	4	272,250	1,089,000
7	Plat bergantung, 4 jenis logam	4	255,000	1,020,000
8	Beban bercelah 5-20 g	10	136,125	1,361,250
9	Neraca 10 mg	1	1,530,000	1,530,000
10	Pegas 1	4	24,750	99,000
11	Pegas 2	4	24,750	99,000
12	Pegas 3	4	24,750	99,000
13	Dinamometer 0,1 N/cm	4	32,175	128,700
14	Gelas Ukur vol. 100 ml	4	23,000	92,000
15	Gelas Ukur vol. 250 ml	4	46,000	184,000
16	Gelas Ukur vol. 500 ml	4	85,000	340,000
17	Gelas Ukur vol. 1000 ml	4	135,000	540,000
18	Stopwatch	4	425,000	1,700,000
19	termometer ukr 10-110 C	4	42,835	171,340
20	Gelas Beaker 100 ml	4	35,000	140,000
21	Gelas Beaker 250 ml	4	40,000	160,000
22	Gelas Beaker 600 ml	4	58,000	232,000
23	Gelas Beaker 1,000 ml	4	64,000	256,000
24	Garputala, 3 variasi	4	210,375	841,500
25	Multimeter AC/DC 10 kilo ohm	4	202,000	808,000
26	Kotak potensiometer 5 watt ukr 50 Ohm	4	215,570	862,280
27	Osiloskop ukr 20 MHz	1	9,563,400	9,563,400





28	Generator frekuensi	4	1,336,500	5,346,000
29	Pengeras suara	4	112,110	448,440
30	Kabel penghubung panjang 50 cm (12 set)	1	1,128,600	1,128,600
31	Komponen elektronika	1	473,960	473,960
32	Catu daya tegangan 220 V	4	1,038,510	4,154,040
33	Transformator	4	326,700	1,306,800
34	Magnet U	4	261,855	1,047,420
ALAT PERCOBAAN				
1	Percobaan Atwood	4	2,250,000	9,000,000
2	Percobaan kereta Dinamika dan pengetik waktu	4	1,123,585	4,494,340
3	Percobaan papan luncur	4	1,069,200	4,276,800
4	Percobaan ayunan sederhana	4	928,720	3,714,880
5	atau Percobaan getaran pegas	4	928,710	3,714,840
6	Percobaan hooke	4	1,154,400	4,617,600
7	Percobaan kalorimetri	4	890,000	3,560,000
8	Percobaan bejana berhubungan	4	725,000	2,900,000
9	Percobaan optik	4	1,542,880	6,171,520
10	Percobaan resonansi bunyi	4	1,584,790	6,339,160
11	Percobaan Sonometer	4	925,000	3,700,000
12	Percobaan hukum Ohm	4	1,026,500	4,106,000
13	Manual percobaan	5	184,900	924,500
MEDIA PENDIDIKAN				
1	Papan Tulis 90 x 200 cm	1	600,000	600,000
PERLENGKAPAN LAIN				
1	Socket Listrik	9	112,200	1,009,800
2	Alat Pemadam kebakaran,	1	969,000	969,000
3	Peralatan P3K	1	671,500	671,500
4	Tempat Sampah	1	75,000	75,000
5	Jam Dinding	1	150,000	150,000
TOTAL KESELURUHAN				100,099,670





RAB BIOLOGI SMK 2015

NO	NAMA BARANG	QUANTITY	@ HARGA	JUMLAH
		JML		
LABORATORIUM BIOLOGI				
1	Model kerangka manusia tinggi 150 cm	3	782,000	2,346,000
2	Model Tubuh Manusia	3	1,139,000	3,417,000
3	Preparat Mitosis	8	23,460	187,680
4	Preparat Meiosis	8	23,460	187,680
5	Preparat Anatomi tumbuhan	8	140,760	1,126,080
6	Preparat Anatomi Hewan	8	234,600	1,876,800
7	Gambar Kromosom	4	30,600	122,400
8	Gambar DNA	4	30,600	122,400
9	Gambar RNA	4	30,600	122,400
10	Gambar Pewarisan Mendel	8	30,600	244,800
11	Gambar contoh-contoh tumbuhan dari berbagai divisi	4	30,600	122,400
12	Gambar contoh-contoh Hewan dari berbagai Filum	4	30,600	122,400
13	Gambar/model sistem pencernaan manusia	4	30,600	122,400
14	Gambar/model sistem pernapasan manusia	4	30,600	122,400
15	Gambar/model sistem peredaran darah manusia	4	30,600	122,400
16	Gambar/model sistem pengeluaran manusia	4	30,600	122,400
17	Gambar/model sistem reproduksi manusia	4	30,600	122,400
18	Gambar/model sistem saraf manusia	4	30,600	122,400
19	Gambar sistem pencernaan burung, reptil, amfibi, ikan dan cacing	4	30,600	122,400
20	Gambar sistem pernapasan burung, reptil, amfibi, ikan, dan cacing	4	30,600	122,400
21	Gambar sistem peredaran darah burung, reptil, amfibi, ikan, dan cacing	4	30,600	122,400
22	Gambar sistem pengeluaran burung, reptil, amfibi, ikan, dan cacing	4	30,600	122,400
23	Gambar reproduksi burung, reptil, amfibi, ikan, dan cacing	4	30,600	122,400
24	Gambar sistem saraf burung, reptil, amfibi, ikan dan cacing	4	30,600	122,400
25	Gambar pohon evolusi	8	30,600	244,800





ALAT PERCOBAAN				
1	Mikroskop Monokuler	10	1,533,200	15,332,000
2	Mikroskop Stereo Binokuler, pembesaran 20 x	10	1,407,600	14,076,000
3	Perangkat Pemelihara Mikroskop	4	244,800	979,200
4	Gelas Benda (isi 72)	4	37,530	150,120
5	Gelas Penutup (isi 50)	4	35,970	143,880
6	Gelas Arloji (isi 10)	4	18,760	75,040
7	Cawan Petri (isi 10)	4	26,580	106,320
8	Gelas Beaker 50 ml	20	26,000	520,000
9	Gelas Beaker 100 ml	20	35,000	700,000
10	Gelas Beaker 250 ml	20	40,000	800,000
11	Gelas Beaker 600 ml	20	58,000	1,160,000
12	Gelas Beaker 1,000 ml	20	64,000	1,280,000
13	Corong 75 mm	20	35,970	719,400
14	Corong 100 mm	20	96,370	1,927,400
15	Pipet Ukur 10 ml	8	45,510	364,080
16	Tabung Reaksi diameter 12 mm, tinggi 100 ml (isi 10)	80	5,230	418,400
17	Sikat Tabung Reaksi, diameter 22 - 26 mm	20	5,520	110,400
18	Penjepit tabung reaksi	20	3,230	64,600
19	Erlenmeyer 50 ml	20	25,024	500,480
20	Erlenmeyer 100 ml	20	35,000	700,000
21	Erlenmeyer 250 ml	20	40,000	800,000
22	Erlenmeyer 600 ml	20	70,000	1,400,000
23	Erlenmeyer 1,000 ml	20	109,480	2,189,600
24	Kotak Preparat (Isi 100)	8	74,630	597,040
25	Lumpang dan Alu diameter 80 mm	8	69,600	556,800
26	Gelas Ukur 100 ml	12	15,000	180,000
27	Gelas Ukur 10 ml	12	20,000	240,000
28	Stop Watch	8	214,170	1,713,360
29	Kaki Tiga Panjang 12 cm, Diameter cicin 62 cm	8	100,000	800,000
30	Perangkat batang statif	8	429,200	3,433,600
31	Klem Universal 12 cm	20	156,525	3,130,500





32	Bosshead panjang 80 mm	20	97,225	1,944,500
33	Pembakar Spirtus 100 ml	8	53,540	428,320
34	Kasa uk. 140 x 140 mm	8	28,040	224,320
35	Aquarium 30 x 20x 20 Cm	2	255,000	510,000
36	Neraca 311	4	1,530,000	6,120,000
37	Sumbat Karet 1 Lubang diameter 8 mm	8	2,210	17,680
38	Sumbat Karet 1 Lubang diameter 9 mm	8	2,210	17,680
39	Sumbat Karet 1 Lubang diameter 10 mm	8	2,210	17,680
40	Sumbat Karet 1 Lubang diameter 11 mm	8	2,210	17,680
41	Sumbat Karet 1 Lubang diameter 13 mm	8	2,210	17,680
42	Sumbat Karet 1 Lubang diameter 15 mm	8	4,080	32,640
43	Sumbat Karet 1 Lubang diameter 17 mm	8	4,080	32,640
44	Sumbat Karet 1 Lubang diameter 19 mm	8	4,080	32,640
45	Sumbat Karet 1 Lubang diameter 21 mm	8	4,080	32,640
46	Sumbat Karet 1 Lubang diameter 23 mm	8	4,080	32,640
47	Sumbat Karet 2 Lubang diameter 15 mm	20	4,080	81,600
48	Sumbat Karet 2 Lubang diameter 17 mm	20	4,080	81,600
49	Sumbat Karet 2 Lubang diameter 19 mm	20	4,080	81,600
50	Sumbat Karet 2 Lubang diameter 21 mm	20	4,080	81,600
51	Sumbat Karet 2 Lubang diameter 23 mm	20	4,080	81,600
52	Termometer 0 - 50 c	20	20,332	406,640
53	Termometer 10 - 100 c	20	42,835	856,700
54	Potometer	8	85,000	680,000
55	Respirometer	8	85,000	680,000
56	Perangkat bedah hewan	8	153,000	1,224,000
57	Termometer suhu tanah 5 - 65c	8	326,400	2,611,200
58	Higrometer Putar, skala 0 - 50 c	8	208,000	1,664,000
59	Kuadrat, 50 x50 cm	8	64,600	516,800
60	Manual Percobaan	12	80,000	960,000
	MEDIA PENDIDIKAN			
1	Papan Tulis 90 x 200 cm	2	600,000	1,200,000



