Output for Different Maxcut Algorithm

Problem			Constructive Algorithm			Local Search				Grasp				Known Best Value of Testcases
TestCaseNo	|V|	|E|	Randomized MaxCut (20 runs)	Greedy MaxCut	SemiGreedy MaxCut (20 runs)	SemiGreedy		Randomized		SemiGreedy		Randomized		
						No of iterations	Best Value	No of iterations	Best Value	No of iterations	Max Value	No of iterations	Max Value	
G1	800	19176	9597	11314	11135	7	11374	9	11341	120	11469	120	11439	12078
G10	800	19176	-92	1608	1436	7	1745	9	1712	120	1892	120	1805	Not Given
G11	800	1600	18	476	438	2	459	3	425	120	504	120	450	627
G12	800	1600	-2	464	430	2	449	3	416	120	498	120	448	621
G13	800	1600	22	484	446	2	475	4	438	120	522	120	464	645
G14	800	4694	2335	2955	2933	2	2966	4	2912	120	2999	120	2955	3187
G15	800	4661	2309	2925	2915	2	2946	4	2892	120	2972	120	2922	3169
G16	800	4672	2345	2949	2921	2	2950	4	2899	120	2976	120	2931	3171
G17	800	4667	2342	2918	2913	2	2948	4	2899	120	2972	120	2933	Not Given
G18	800	4694	36	823	773	3	855	4	809	120	927	120	867	Not Given
G19	800	4661	-57	760	657	3	763	4	724	120	829	120	784	Not Given
G2	800	19176	9587	11275	11170	7	11383	10	11349	120	11489	120	11442	12084
G20	800	4672	-8	758	707	3	794	4	756	120	874	120	834	Not Given
G21	800	4667	-32	771	689	3	791	4	750	120	849	120	798	Not Given
G22	2000	19990	10003	12815	12644	5	12898	8	12773	120	13027	120	12872	14123
G23	2000	19990	9982	12784	12694	5	12897	8	12769	120	13033	120	12892	14129
G24	2000	19990	9975	12785	12591	5	12904	8	12767	120	13032	120	12876	14131
G25	2000	19990	10011	12800	12650	5	12913	8	12778	120	13009	120	12873	Not Given
G26	2000	19990	9995	12797	12621	5	12892	8	12764	120	13022	120	12862	Not Given
G27	2000	19990	-37	2728	2452	6	2845	8	2775	120	2993	120	2897	Not Given
G28	2000	19990	-45	2698	2444	6	2803	8	2733	120	2929	120	2829	Not Given
G29	2000	19990	24	2793	2511	6	2897	8	2827	120	3039	120	2927	Not Given
G3	800	19176	9593	11178	11137	7	11379	9	11330	120	11494	120	11449	12077
G30	2000	19990	25	2719	2542	6	2899	8	2838	120	3031	120	2938	Not Given
G31	2000	19990	-47	2698	2478	6	2825	8	2747	120	2970	120	2853	Not Given
G32	2000	4000	2	1192	1108	2	1148	4	1052	120	1236	120	1094	1560
G33	2000	4000	-26	1166	1078	2	1124	4	1029	120	1232	120	1092	1537
G34	2000	4000	-20	1184	1054	2	1123	4	1028	120	1230	120	1072	1541
G35	2000	11778	5894	7389	7352	3	7436	4	7303	120	7470	120	7363	8000
G36	2000	11766	5873	7359	7344	3	7427	4	7300	120	7461	120	7343	7996
G37	2000	11785	5889	7381	7330	3	7441	4	7307	120	7493	120	7347	8009
G38	2000	11779	5893	7376	7363	3	7434	4	7302	120	7475	120	7353	Not Given
G39	2000	11778	13	2002	1833	4	2053	5	1965	120	2175	120	2054	Not Given
G4	800	19176	9612	11270	11158	7	11388	9	11346	120	11523	120	11508	Not Given
G40	2000	11766	-42	2014	1744	4	2032	5	1933	120	2156	120	2021	Not Given
G41	2000	11785	-6	2019	1797	4	2038	5	1943	120	2172	120	2013	Not Given
G42	2000	11779	67	2049	1884	4	2111	5	2023	120	2256	120	2109	Not Given
G43	1000	9990	4990	6363	6290	5	6438	7	6378	120	6531	120	6470	7027
G44	1000	9990	4967	6346	6290	5	6435	7	6375	120	6495	120	6455	7022
G45	1000	9990	4992	6335	6264	5	6434	7	6374	120	6504	120	6443	7020
G46	1000	9990	5002	6430	6294	4	6436	7	6376	120	6518	120	6459	Not Given
G47	1000	9990	4997	6359	6284	5	6440	7	6381	120	6517	120	6469	Not Given
G48	3000	6000	2992	6000	6000	1	6000	6	4978	120	6000	120	5096	6000
G49	3000	6000	2999	6000	6000	1	6000	6	4968	120	6000	120	5062	6000
G5	800	19176	9604	11290	11120	6	11375	9	11340	120	11498	120	11457	Not Given
G50	3000	6000	3005	5880	5862	1	5859	6	4962	120	5880	120	5076	5988
G51	1000	5909	2949	3685	3679	2	3722	4	3661	120	3755	120	3702	Not Given
G52	1000	5916	2949	3708	3686	2	3729	4	3664	120	3760	120	3707	Not Given
G53	1000	5914	2950	3684	3693	2	3725	4	3661	120	3759	120	3709	Not Given
G54	1000	5916	2969	3696	3692	2	3725	4	3660	120	3752	120	3688	Not Given
G6	800	19176	66	1764	1655	7	1915	9	1882	120	2024	120	1990	Not Given
G7	800	19176	-58	1664	1461	7	1743	9	1717	120	1824	120	1834	Not Given
G8	800	19176	-85	1599	1429	7	1753	9	1719	120	1882	120	1822	Not Given
G9	800	19176	-25	1685	1549	7	1791	9	1766	120	1879	120	1854	Not Given