

Bid No.	Bid Amount Face Value	Bid Price Per Rs. 100	Running Total	Bid Yield Per Annum	Weighted Average Yield per Annum	Amount of Discount	Amount Realized	Discount Amount Cumulative	Amount Realized Cumulative
1	55.200	95.4423	55.200	20.7500%	20.7500%	2.516	52.684	2.516	52.684
2	46.900	95.4423	102.100	20.7500%	20.7500%	2.138	44.762	4.653	97.447
3	45.600	95.4423	147.700	20.7500%	20.7500%	2.078	43.522	6.732	140.968
4	10,000.000	95.4192	10,147.700	20.8602%	20.8586%	458.080	9,541.920	464.812	9,682.888
5	245.000	95.4169	10,392.700	20.8712%	20.8589%	11.229	233.771	476.040	9,916.660
6	245.000	95.4113	10,637.700	20.8979%	20.8598%	11.242	233.758	487.283	10,150.417
7	1,000.000	95.4108	11,637.700	20.9003%	20.8633%	45.892	954.108	533.175	11,104.525
8	40,000.000	95.4088	51,637.700	20.9099%	20.8994%	1,836.480	38,163.520	2,369.655	49,268.045
9	245.000	95.4058	51,882.700	20.9242%	20.8995%	11.256	233.744	2,380.910	49,501.790
10	3,100.000	95.4004	54,982.700	20.9500%	20.9023%	142.588	2,957.412	2,523.498	52,459.202
11	1,000.000	95.4004	55,982.700	20.9500%	20.9032%	45.996	954.004	2,569.494	53,413.206
12	245.000	95.4002	56,227.700	20.9509%	20.9034%	11.270	233.730	2,580.764	53,646.936
13	50,000.000	95.3983	106,227.700	20.9600%	20.9300%	2,300.850	47,699.150	4,881.614	101,346.086
14	5,000.000	95.3964	111,227.700	20.9691%	20.9318%	230.180	4,769.820	5,111.794	106,115.906
15	210.000	95.3947	111,437.700	20.9772%	20.9319%	9.671	200.329	5,121.465	106,316.235
16	5,000.000	95.3922	116,437.700	20.9891%	20.9343%	230.390	4,769.610	5,351.855	111,085.845
17	960.450	95.3920	117,398.150	20.9901%	20.9348%	44.258	916.192	5,396.112	112,002.038
18	4,000.000	95.3900	121,398.150	20.9996%	20.9369%	184.400	3,815.600	5,580.512	115,817.638
19	1,000.000	95.3899	122,398.150	21.0001%	20.9374%	46.101	953.899	5,626.613	116,771.537
20	210.000	95.3891	122,608.150	21.0039%	20.9376%	9.683	200.317	5,636.296	116,971.854
21	4,200.000	95.3839	126,808.150	21.0288%	20.9406%	193.876	4,006.124	5,830.172	120,977.978
22	210.000	95.3829	127,018.150	21.0335%	20.9407%	9.696	200.304	5,839.868	121,178.282
23	4,000.000	95.3797	131,018.150	21.0488%	20.9440%	184.812	3,815.188	6,024.680	124,993.470
24	1,000.000	95.3795	132,018.150	21.0498%	20.9448%	46.205	953.795	6,070.885	125,947.265
25	210.000	95.3766	132,228.150	21.0636%	20.9450%	9.709	200.291	6,080.594	126,147.556
26	4,000.000	95.3755	136,228.150	21.0689%	20.9487%	184.980	3,815.020	6,265.574	129,962.576
27	210.000	95.3703	136,438.150	21.0937%	20.9489%	9.722	200.278	6,275.297	130,162.853
28	4,000.000	95.3692	140,438.150	21.0990%	20.9532%	185.232	3,814.768	6,460.529	133,977.621
29	3,000.000	95.3690	143,438.150	21.0999%	20.9562%	138.930	2,861.070	6,599.459	136,838.691
30	210.000	95.3640	143,648.150	21.1238%	20.9565%	9.736	200.264	6,609.194	137,038.956
31	3,299.510	95.3585	146,947.660	21.1501%	20.9608%	153.147	3,146.363	6,762.341	140,185.319
32	580.000	95.3585	147,527.660	21.1501%	20.9616%	26.921	553.079	6,789.262	140,738.398
33	210.000	95.3577	147,737.660	21.1539%	20.9618%	9.749	200.251	6,799.011	140,938.649
34	7,000.000	95.3565	154,737.660	21.1597%	20.9708%	325.045	6,674.955	7,124.056	147,613.604
35	210.000	95.3515	154,947.660	21.1836%	20.9711%	9.762	200.238	7,133.817	147,813.843
36	3,000.000	95.3500	157,947.660	21.1907%	20.9752%	139.500	2,860.500	7,273.317	150,674.343
37	1,000.000	95.3495	158,947.660	21.1931%	20.9766%	46.505	953.495	7,319.822	151,627.838
38	2,500.000	95.3483	161,447.660	21.1989%	20.9801%	116.293	2,383.708	7,436.115	154,011.545
39	3,000.000	95.3481	164,447.660	21.1998%	20.9841%	139.557	2,860.443	7,575.672	156,871.988
40	2,000.000	95.3481	166,447.660	21.1998%	20.9867%	93.038	1,906.962	7,668.710	158,778.950
41	2,500.000	95.3460	168,947.660	21.2098%	20.9900%	116.350	2,383.650	7,785.060	161,162.600
42	2,000.000	95.3460	170,947.660	21.2098%	20.9925%	93.080	1,906.920	7,878.140	163,069.520
43	210.000	95.3452	171,157.660	21.2137%	20.9928%	9.775	200.225	7,887.915	163,269.745
44	500.000	95.3445	171,657.660	21.2170%	20.9935%	23.278	476.723	7,911.193	163,746.467
45	5,000.000	95.3410	176,657.660	21.2337%	21.0003%	232.950	4,767.050	8,144.143	168,513.517
46	500.000	95.3405	177,157.660	21.2361%	21.0009%	23.298	476.703	8,167.440	168,990.220
47	3,000.000	95.3400	180,157.660	21.2385%	21.0049%	139.800	2,860.200	8,307.240	171,850.420
48	2,500.000	95.3397	182,657.660	21.2400%	21.0081%	116.508	2,383.493	8,423.748	174,233.912
49	2,000.000	95.3397	184,657.660	21.2400%	21.0106%	93.206	1,906.794	8,516.954	176,140.706
50	210.000	95.3389	184,867.660	21.2438%	21.0109%	9.788	200.212	8,526.742	176,340.918
51	3,000.000	95.3386	187,867.660	21.2452%	21.0146%	139.842	2,860.158	8,666.584	179,201.076
52	500.000	95.3385	188,367.660	21.2457%	21.0152%	23.308	476.693	8,689.891	179,677.769
53	2,500.000	95.3380	190,867.660	21.2481%	21.0183%	116.550	2,383.450	8,806.441	182,061.219
54	2,000.000	95.3380	192,867.660	21.2481%	21.0207%	93.240	1,906.760	8,899.681	183,967.979
55	3,500.000	95.3378	196,367.660	21.2490%	21.0247%	163.177	3,336.823	9,062.858	187,304.802
56	350.000	95.3377	196,717.660	21.2495%	21.0251%	16.318	333.682	9,079.176	187,638.484

Bid No.	Bid Amount Face Value	Bid Price Per Rs. 100	Running Total	Bid Yield Per Annum	Weighted Average Yield per Annum	Amount of Discount	Amount Realized	Discount Amount Cumulative	Amount Realized Cumulative
57	35.000	95.3376	196,752.660	21.2500%	21.0252%	1.632	33.368	9,080.808	187,671.852
58	300.000	95.3375	197,052.660	21.2505%	21.0255%	13.988	286.013	9,094.796	187,957.864
59	500.000	95.3335	197,552.660	21.2696%	21.0261%	23.333	476.668	9,118.128	188,434.532
60	2,500.000	95.3334	200,052.660	21.2701%	21.0292%	116.665	2,383.335	9,234.793	190,817.867
61	2,000.000	95.3334	202,052.660	21.2701%	21.0316%	93.332	1,906.668	9,328.125	192,724.535
62	210.000	95.3326	202,262.660	21.2739%	21.0318%	9.802	200.198	9,337.927	192,924.733
63	350.000	95.3325	202,612.660	21.2744%	21.0322%	16.336	333.664	9,354.263	193,258.397
64	310.000	95.3314	202,922.660	21.2796%	21.0326%	14.473	295.527	9,368.736	193,553.924
65	500.000	95.3305	203,422.660	21.2839%	21.0332%	23.348	476.653	9,392.083	194,030.577
66	3,000.000	95.3300	206,422.660	21.2863%	21.0369%	140.100	2,859.900	9,532.183	196,890.477
67	2,500.000	95.3292	208,922.660	21.2902%	21.0399%	116.770	2,383.230	9,648.953	199,273.707
68	2,000.000	95.3292	210,922.660	21.2902%	21.0423%	93.416	1,906.584	9,742.369	201,180.291
69	500.000	95.3275	211,422.660	21.2983%	21.0429%	23.363	476.638	9,765.732	201,656.928
70	3,000.000	95.3274	214,422.660	21.2988%	21.0465%	140.178	2,859.822	9,905.910	204,516.750
71	350.000	95.3273	214,772.660	21.2992%	21.0469%	16.354	333.646	9,922.264	204,850.396
72	5,000.000	95.3271	219,772.660	21.3002%	21.0527%	233.645	4,766.355	10,155.909	209,616.751
73	5,000.000	95.3271	224,772.660	21.3002%	21.0582%	233.645	4,766.355	10,389.554	214,383.106
74	2,000.000	95.3271	226,772.660	21.3002%	21.0603%	93.458	1,906.542	10,483.012	216,289.648
75	2,000.000	95.3271	228,772.660	21.3002%	21.0624%	93.458	1,906.542	10,576.470	218,196.190
76	1,000.000	95.3271	229,772.660	21.3002%	21.0634%	46.729	953.271	10,623.199	219,149.461
77	310.000	95.3262	230,082.660	21.3045%	21.0638%	14.489	295.511	10,637.688	219,444.972
78	210.000	95.3222	230,292.660	21.3236%	21.0640%	9.823	200.177	10,647.511	219,645.149
79	350.000	95.3221	230,642.660	21.3241%	21.0644%	16.373	333.627	10,663.884	219,978.776
80	500.000	95.3215	231,142.660	21.3270%	21.0650%	23.393	476.608	10,687.276	220,455.384
81	155.000	95.3209	231,297.660	21.3298%	21.0652%	7.253	147.747	10,694.529	220,603.131
82	3,000.000	95.3200	234,297.660	21.3342%	21.0686%	140.400	2,859.600	10,834.929	223,462.731
83	500.000	95.3175	234,797.660	21.3461%	21.0692%	23.413	476.588	10,858.342	223,939.318
84	2,500.000	95.3170	237,297.660	21.3485%	21.0721%	117.075	2,382.925	10,975.417	226,322.243
85	2,000.000	95.3169	239,297.660	21.3490%	21.0744%	93.662	1,906.338	11,069.079	228,228.581
86	350.000	95.3168	239,647.660	21.3495%	21.0748%	16.391	333.609	11,085.470	228,562.190
87	5,000.000	95.3167	244,647.660	21.3499%	21.0805%	234.165	4,765.835	11,319.635	233,328.025
88	3,000.000	95.3167	247,647.660	21.3499%	21.0837%	140.499	2,859.501	11,460.134	236,187.526
89	2,000.000	95.3167	249,647.660	21.3499%	21.0859%	93.666	1,906.334	11,553.800	238,093.860
90	1,000.000	95.3167	250,647.660	21.3499%	21.0869%	46.833	953.167	11,600.633	239,047.027
91	155.000	95.3157	250,802.660	21.3547%	21.0871%	7.261	147.739	11,607.893	239,194.767
92	35.000	95.3117	250,837.660	21.3738%	21.0871%	1.641	33.359	11,609.534	239,228.126
93	350.000	95.3116	251,187.660	21.3743%	21.0875%	16.409	333.591	11,625.944	239,561.716
94	500.000	95.3115	251,687.660	21.3748%	21.0881%	23.443	476.558	11,649.386	240,038.274
95	310.000	95.3105	251,997.660	21.3796%	21.0885%	14.537	295.463	11,663.924	240,333.736
96	4,000.000	95.3100	255,997.660	21.3820%	21.0930%	187.600	3,812.400	11,851.524	244,146.136
97	1,000.000	95.3085	256,997.660	21.3892%	21.0942%	46.915	953.085	11,898.439	245,099.221
98	2,500.000	95.3065	259,497.660	21.3987%	21.0971%	117.338	2,382.663	12,015.776	247,481.884
99	1,000.000	95.3065	260,497.660	21.3987%	21.0983%	46.935	953.065	12,062.711	248,434.949
100	2,000.000	95.3064	262,497.660	21.3992%	21.1006%	93.872	1,906.128	12,156.583	250,341.077
101	500.000	95.3064	262,997.660	21.3992%	21.1011%	23.468	476.532	12,180.051	250,817.609
102	350.000	95.3064	263,347.660	21.3992%	21.1015%	16.428	333.572	12,196.479	251,151.181
103	50.000	95.3063	263,397.660	21.3997%	21.1016%	2.347	47.653	12,198.826	251,198.834
104	5,000.000	95.3062	268,397.660	21.4002%	21.1072%	234.690	4,765.310	12,433.516	255,964.144
105	3,000.000	95.3062	271,397.660	21.4002%	21.1104%	140.814	2,859.186	12,574.330	258,823.330
106	1,000.000	95.3062	272,397.660	21.4002%	21.1115%	46.938	953.062	12,621.268	259,776.392
107	310.000	95.3053	272,707.660	21.4045%	21.1118%	14.554	295.446	12,635.821	260,071.839
108	35.000	95.3013	272,742.660	21.4236%	21.1118%	1.645	33.355	12,637.466	260,105.194
109	350.000	95.3012	273,092.660	21.4241%	21.1122%	16.446	333.554	12,653.912	260,438.748
110	4,000.000	95.3000	277,092.660	21.4298%	21.1168%	188.000	3,812.000	12,841.912	264,250.748
111	5,500.000	95.2960	282,592.660	21.4490%	21.1233%	258.720	5,241.280	13,100.632	269,492.028
112	2,000.000	95.2960	284,592.660	21.4490%	21.1256%	94.080	1,905.920	13,194.712	271,397.948

Date: 29-May-24								3M	
672nd Auction of 03-Month Government of Pakistan Market Treasury Bill									
Settlement Date : 30-May-24 Maturity Date : 22-Aug-24 84 days bill									
Rs in Million									
Bid No.	Bid Amount Face Value	Bid Price Per Rs. 100	Running Total	Bid Yield Per Annum	Weighted Average Yield per Annum	Amount of Discount	Amount Realized	Discount Amount Cumulative	Amount Realized Cumulative
113	500.000	95.2960	285,092.660	21.4490%	21.1261%	23.520	476.480	13,218.232	271,874.428
114	350.000	95.2959	285,442.660	21.4494%	21.1265%	16.464	333.536	13,234.696	272,207.964
115	1,000.000	95.2958	286,442.660	21.4499%	21.1277%	47.042	952.958	13,281.738	273,160.922
116	50.000	95.2958	286,492.660	21.4499%	21.1277%	2.352	47.648	13,284.090	273,208.570
117	10,000.000	95.2908	296,492.660	21.4738%	21.1394%	470.920	9,529.080	13,755.010	282,737.650
118	35.000	95.2908	296,527.660	21.4738%	21.1394%	1.648	33.352	13,756.658	282,771.002
119	350.000	95.2907	296,877.660	21.4743%	21.1398%	16.483	333.517	13,773.141	283,104.519
120	10,000.000	95.2876	306,877.660	21.4892%	21.1512%	471.240	9,528.760	14,244.381	292,633.279
121	5,000.000	95.2874	311,877.660	21.4901%	21.1566%	235.630	4,764.370	14,480.011	297,397.649
122	4,000.000	95.2860	315,877.660	21.4968%	21.1610%	188.560	3,811.440	14,668.571	301,209.089
123	5,000.000	95.2855	320,877.660	21.4992%	21.1662%	235.725	4,764.275	14,904.296	305,973.364
124	2,500.000	95.2855	323,377.660	21.4992%	21.1688%	117.863	2,382.138	15,022.158	308,355.502
125	500.000	95.2855	323,877.660	21.4992%	21.1693%	23.573	476.428	15,045.731	308,831.929
126	350.000	95.2855	324,227.660	21.4992%	21.1697%	16.501	333.499	15,062.231	309,165.429
127	1,000.000	95.2854	325,227.660	21.4997%	21.1707%	47.146	952.854	15,109.377	310,118.283
128	1,000.000	95.2854	326,227.660	21.4997%	21.1717%	47.146	952.854	15,156.523	311,071.137
129	180.000	95.2854	326,407.660	21.4997%	21.1719%	8.486	171.514	15,165.010	311,242.650
130	50.000	95.2854	326,457.660	21.4997%	21.1719%	2.357	47.643	15,167.367	311,290.293
131	1,000.000	95.2853	327,457.660	21.5002%	21.1729%	47.147	952.853	15,214.514	312,243.146
132	2,000.000	95.2844	329,457.660	21.5045%	21.1749%	94.312	1,905.688	15,308.826	314,148.834
133	35.000	95.2804	329,492.660	21.5236%	21.1750%	1.652	33.348	15,310.478	314,182.182
134	300.000	95.2803	329,792.660	21.5241%	21.1753%	14.159	285.841	15,324.637	314,468.023
135	1,000.000	95.2791	330,792.660	21.5298%	21.1764%	47.209	952.791	15,371.846	315,420.814
136	10,000.000	95.2762	340,792.660	21.5437%	21.1871%	472.380	9,527.620	15,844.226	324,948.434
137	500.000	95.2751	341,292.660	21.5490%	21.1877%	23.625	476.376	15,867.851	325,424.809
138	1,000.000	95.2750	342,292.660	21.5495%	21.1887%	47.250	952.750	15,915.101	326,377.559
139	350.000	95.2750	342,642.660	21.5495%	21.1891%	16.538	333.463	15,931.638	326,711.022
140	1,000.000	95.2749	343,642.660	21.5499%	21.1901%	47.251	952.749	15,978.889	327,663.771
141	1,000.000	95.2749	344,642.660	21.5499%	21.1912%	47.251	952.749	16,026.140	328,616.520
142	50.000	95.2749	344,692.660	21.5499%	21.1912%	2.363	47.637	16,028.503	328,664.157
143	3,000.000	95.2718	347,692.660	21.5648%	21.1945%	141.846	2,858.154	16,170.349	331,522.311
144	1,000.000	95.2687	348,692.660	21.5796%	21.1956%	47.313	952.687	16,217.662	332,474.998
145	1,000.000	95.2666	349,692.660	21.5897%	21.1967%	47.334	952.666	16,264.996	333,427.664
146	5,000.000	95.2665	354,692.660	21.5902%	21.2022%	236.675	4,763.325	16,501.671	338,190.989
147	500.000	95.2650	355,192.660	21.5973%	21.2028%	23.675	476.325	16,525.346	338,667.314
148	6,000.000	95.2644	361,192.660	21.6002%	21.2094%	284.136	5,715.864	16,809.482	344,383.178
149	1,800.000	95.2644	362,992.660	21.6002%	21.2113%	85.241	1,714.759	16,894.722	346,097.938
150	10,000.000	95.2574	372,992.660	21.6337%	21.2227%	474.260	9,525.740	17,368.982	355,623.678
151	500.000	95.2540	373,492.660	21.6500%	21.2232%	23.730	476.270	17,392.712	356,099.948
152	1,000.000	95.2457	374,492.660	21.6898%	21.2245%	47.543	952.457	17,440.255	357,052.405
153	1,000.000	95.2353	375,492.660	21.7396%	21.2259%	47.647	952.353	17,487.902	358,004.758
154	1,000.000	95.2144	376,492.660	21.8397%	21.2275%	47.856	952.144	17,535.758	358,956.902
155	10,000.000	95.2073	386,492.660	21.8738%	21.2442%	479.270	9,520.730	18,015.028	368,477.632
156	2,000.000	95.1935	388,492.660	21.9399%	21.2478%	96.130	1,903.870	18,111.158	370,381.502
157	2,000.000	95.1831	390,492.660	21.9898%	21.2516%	96.338	1,903.662	18,207.496	372,285.164
158	147.000	95.0560	390,639.660	22.6002%	21.2521%	7.268	139.732	18,214.764	372,424.896
390,639.660						18,214.764	372,424.896		

Date: 29-May-24								6M	
672nd Auction of 06-Month Government of Pakistan Market Treasury Bill									
Settlement Date: 30-May-24		Maturity Date : 28-Nov-24		182 days bill					
Rs in Million									
Bid No.	Bid Amount Face Value	Bid Price Per Rs. 100	Running Total	Bid Yield Per Annum	Weighted Average Yield per Annum	Amount of Discount	Amount Realized	Discount Amount Cumulative	Amount Realized Cumulative
1	3,000.000	90.6850	3,000.000	20.6001%	20.6001%	279.450	2,720.550	279.450	2,720.550
2	3,000.000	90.6690	6,000.000	20.6391%	20.6196%	279.930	2,720.070	559.380	5,440.620
3	2,700.000	90.6608	8,700.000	20.6591%	20.6319%	252.158	2,447.842	811.538	7,888.462
4	2,700.000	90.6445	11,400.000	20.6989%	20.6477%	252.599	2,447.402	1,064.137	10,335.863
5	20,000.000	90.6236	31,400.000	20.7499%	20.7128%	1,875.280	18,124.720	2,939.417	28,460.583
6	150.000	90.5663	31,550.000	20.8899%	20.7137%	14.151	135.849	2,953.567	28,596.433
7	324.500	90.5659	31,874.500	20.8909%	20.7155%	30.614	293.886	2,984.181	28,890.319
8	324.500	90.5550	32,199.000	20.9176%	20.7175%	30.649	293.851	3,014.830	29,184.170
9	324.500	90.5442	32,523.500	20.9440%	20.7198%	30.684	293.816	3,045.514	29,477.986
10	7,000.000	90.5422	39,523.500	20.9489%	20.7603%	662.046	6,337.954	3,707.560	35,815.940
11	2,000.000	90.5417	41,523.500	20.9501%	20.7695%	189.166	1,810.834	3,896.726	37,626.774
12	324.500	90.5334	41,848.000	20.9704%	20.7710%	30.719	293.781	3,927.445	37,920.555
13	2,000.000	90.5300	43,848.000	20.9787%	20.7805%	189.400	1,810.600	4,116.845	39,731.155
14	10,000.000	90.5258	53,848.000	20.9890%	20.8192%	947.420	9,052.580	5,064.265	48,783.735
15	7,000.000	90.5255	60,848.000	20.9897%	20.8388%	663.215	6,336.785	5,727.480	55,120.520
16	2,000.000	90.5250	62,848.000	20.9910%	20.8437%	189.500	1,810.500	5,916.980	56,931.020
17	324.500	90.5225	63,172.500	20.9971%	20.8445%	30.754	293.746	5,947.735	57,224.765
18	4,000.000	90.5215	67,172.500	20.9995%	20.8537%	379.140	3,620.860	6,326.875	60,845.625
19	500.000	90.5214	67,672.500	20.9998%	20.8548%	47.393	452.607	6,374.268	61,298.232
20	2,000.000	90.5213	69,672.500	21.0000%	20.8589%	189.574	1,810.426	6,563.842	63,108.658
21	750.000	90.5213	70,422.500	21.0000%	20.8605%	71.090	678.910	6,634.932	63,787.568
22	162.250	90.5117	70,584.750	21.0235%	20.8608%	15.395	146.855	6,650.327	63,934.423
23	500.000	90.5045	71,084.750	21.0411%	20.8621%	47.478	452.523	6,697.804	64,386.946
24	4,000.000	90.5020	75,084.750	21.0473%	20.8720%	379.920	3,620.080	7,077.724	68,007.026
25	1,000.000	90.5009	76,084.750	21.0499%	20.8743%	94.991	905.009	7,172.715	68,912.035
26	920.000	90.5009	77,004.750	21.0499%	20.8764%	87.392	832.608	7,260.107	69,744.643
27	162.250	90.5009	77,167.000	21.0499%	20.8768%	15.412	146.838	7,275.519	69,891.481
28	110.000	90.4969	77,277.000	21.0597%	20.8770%	10.453	99.547	7,285.973	69,991.027
29	500.000	90.4935	77,777.000	21.0681%	20.8783%	47.533	452.468	7,333.505	70,443.495
30	162.250	90.4901	77,939.250	21.0764%	20.8787%	15.430	146.820	7,348.935	70,590.315
31	12,000.000	90.4856	89,939.250	21.0874%	20.9065%	1,141.728	10,858.272	8,490.663	81,448.587
32	500.000	90.4854	90,439.250	21.0879%	20.9075%	47.573	452.427	8,538.236	81,901.014
33	110.000	90.4847	90,549.250	21.0896%	20.9077%	10.467	99.533	8,548.703	82,000.547
34	10,000.000	90.4845	100,549.250	21.0901%	20.9259%	951.550	9,048.450	9,500.253	91,048.997
35	4,000.000	90.4820	104,549.250	21.0962%	20.9324%	380.720	3,619.280	9,880.973	94,668.277
36	2,000.000	90.4805	106,549.250	21.0999%	20.9355%	190.390	1,809.610	10,071.363	96,477.887
37	1,000.000	90.4805	107,549.250	21.0999%	20.9371%	95.195	904.805	10,166.558	97,382.692
38	1,000.000	90.4805	108,549.250	21.0999%	20.9386%	95.195	904.805	10,261.753	98,287.497
39	750.000	90.4805	109,299.250	21.0999%	20.9397%	71.396	678.604	10,333.149	98,966.101
40	162.250	90.4792	109,461.500	21.1031%	20.9399%	15.447	146.803	10,348.597	99,112.903
41	500.000	90.4725	109,961.500	21.1195%	20.9407%	47.638	452.363	10,396.234	99,565.266
42	55.000	90.4724	110,016.500	21.1198%	20.9408%	5.240	49.760	10,401.474	99,615.026
43	162.250	90.4684	110,178.750	21.1296%	20.9411%	15.465	146.785	10,416.939	99,761.811
44	1,000.000	90.4642	111,178.750	21.1398%	20.9429%	95.358	904.642	10,512.297	100,666.453
45	1,000.000	90.4635	112,178.750	21.1416%	20.9447%	95.365	904.635	10,607.662	101,571.088
46	4,000.000	90.4610	116,178.750	21.1477%	20.9517%	381.560	3,618.440	10,989.222	105,189.528
47	500.000	90.4605	116,678.750	21.1489%	20.9525%	47.698	452.303	11,036.920	105,641.830
48	400.000	90.4605	117,078.750	21.1489%	20.9532%	38.158	361.842	11,075.078	106,003.672
49	250.000	90.4605	117,328.750	21.1489%	20.9536%	23.849	226.151	11,098.927	106,229.823
50	55.000	90.4602	117,383.750	21.1497%	20.9537%	5.247	49.753	11,104.173	106,279.577
51	6,000.000	90.4601	123,383.750	21.1499%	20.9632%	572.394	5,427.606	11,676.567	111,707.183
52	1,000.000	90.4601	124,383.750	21.1499%	20.9647%	95.399	904.601	11,771.966	112,611.784
53	162.250	90.4576	124,546.000	21.1560%	20.9650%	15.483	146.767	11,787.449	112,758.551

Date: 29-May-24									6M
672nd Auction of 06-Month Government of Pakistan Market Treasury Bill									
Settlement Date: 30-May-24			Maturity Date : 28-Nov-24			182 days bill			
Rs in Million									
Bid No.	Bid Amount Face Value	Bid Price Per Rs. 100	Running Total	Bid Yield Per Annum	Weighted Average Yield per Annum	Amount of Discount	Amount Realized	Discount Amount Cumulative	Amount Realized Cumulative
54	400.000	90.4565	124,946.000	21.1587%	20.9656%	38.174	361.826	11,825.623	113,120.377
55	280.000	90.4560	125,226.000	21.1599%	20.9660%	26.723	253.277	11,852.346	113,373.654
56	400.000	90.4525	125,626.000	21.1685%	20.9667%	38.190	361.810	11,890.536	113,735.464
57	1,000.000	90.4479	126,626.000	21.1798%	20.9684%	95.521	904.479	11,986.057	114,639.943
58	110.000	90.4479	126,736.000	21.1798%	20.9685%	10.507	99.493	11,996.565	114,739.435
59	263.100	90.4478	126,999.100	21.1800%	20.9690%	25.132	237.968	12,021.696	114,977.404
60	162.250	90.4468	127,161.350	21.1825%	20.9692%	15.500	146.750	12,037.196	115,124.154
61	5,000.000	90.4463	132,161.350	21.1837%	20.9774%	477.685	4,522.315	12,514.881	119,646.469
62	2,000.000	90.4448	134,161.350	21.1874%	20.9805%	191.104	1,808.896	12,705.985	121,455.365
63	400.000	90.4445	134,561.350	21.1881%	20.9811%	38.222	361.778	12,744.207	121,817.143
64	50,000.000	90.4438	184,561.350	21.1899%	21.0377%	4,778.100	45,221.900	17,522.307	167,039.043
65	5,000.000	90.4438	189,561.350	21.1899%	21.0417%	477.810	4,522.190	18,000.117	171,561.233
66	1,000.000	90.4435	190,561.350	21.1906%	21.0425%	95.565	904.435	18,095.682	172,465.668
67	400.000	90.4405	190,961.350	21.1979%	21.0428%	38.238	361.762	18,133.920	172,827.430
68	250.000	90.4401	191,211.350	21.1989%	21.0430%	23.900	226.100	18,157.820	173,053.530
69	4,000.000	90.4400	195,211.350	21.1992%	21.0462%	382.400	3,617.600	18,540.220	176,671.130
70	1,000.000	90.4397	196,211.350	21.1999%	21.0470%	95.603	904.397	18,635.823	177,575.527
71	1,000.000	90.4397	197,211.350	21.1999%	21.0477%	95.603	904.397	18,731.426	178,479.924
72	300.000	90.4397	197,511.350	21.1999%	21.0480%	28.681	271.319	18,760.107	178,751.243
73	162.250	90.4360	197,673.600	21.2090%	21.0481%	15.518	146.732	18,775.625	178,897.975
74	110.000	90.4357	197,783.600	21.2097%	21.0482%	10.521	99.479	18,786.145	178,997.455
75	500.000	90.4315	198,283.600	21.2200%	21.0486%	47.843	452.158	18,833.988	179,449.612
76	7,500.000	90.4259	205,783.600	21.2337%	21.0554%	718.058	6,781.943	19,552.045	186,231.555
77	162.250	90.4252	205,945.850	21.2355%	21.0555%	15.535	146.715	19,567.581	186,378.269
78	4,000.000	90.4200	209,945.850	21.2482%	21.0592%	383.200	3,616.800	19,950.781	189,995.069
79	500.000	90.4197	210,445.850	21.2490%	21.0596%	47.902	452.099	19,998.682	190,447.168
80	2,500.000	90.4195	212,945.850	21.2494%	21.0619%	239.513	2,260.488	20,238.195	192,707.655
81	2,000.000	90.4193	214,945.850	21.2499%	21.0636%	191.614	1,808.386	20,429.809	194,516.041
82	1,000.000	90.4193	215,945.850	21.2499%	21.0645%	95.807	904.193	20,525.616	195,420.234
83	500.000	90.4193	216,445.850	21.2499%	21.0649%	47.904	452.097	20,573.519	195,872.331
84	400.000	90.4193	216,845.850	21.2499%	21.0653%	38.323	361.677	20,611.842	196,234.008
85	162.250	90.4144	217,008.100	21.2620%	21.0654%	15.553	146.697	20,627.394	196,380.706
86	2,000.000	90.4070	219,008.100	21.2801%	21.0674%	191.860	1,808.140	20,819.254	198,188.846
87	6,000.000	90.4030	225,008.100	21.2899%	21.0733%	575.820	5,424.180	21,395.074	203,613.026
88	1,000.000	90.4030	226,008.100	21.2899%	21.0743%	95.970	904.030	21,491.044	204,517.056
89	750.000	90.3993	226,758.100	21.2990%	21.0750%	72.005	677.995	21,563.050	205,195.050
90	250.000	90.3789	227,008.100	21.3491%	21.0753%	24.053	225.947	21,587.102	205,420.998
91	500.000	90.3786	227,508.100	21.3498%	21.0759%	48.107	451.893	21,635.209	205,872.891
92	500.000	90.3582	228,008.100	21.3999%	21.0766%	48.209	451.791	21,683.418	206,324.682
93	1,000.000	90.2159	229,008.100	21.7500%	21.0796%	97.841	902.159	21,781.259	207,226.841
94	1,000.000	90.1754	230,008.100	21.8498%	21.0829%	98.246	901.754	21,879.505	208,128.595
95	7,000.000	90.1753	237,008.100	21.8501%	21.1056%	687.729	6,312.271	22,567.234	214,440.866
96	1,000.000	90.1227	238,008.100	21.9799%	21.1092%	98.773	901.227	22,666.007	215,342.093
97	10,000.000	90.1147	248,008.100	21.9996%	21.1451%	988.530	9,011.470	23,654.537	224,353.563
98	3,000.000	90.0620	251,008.100	22.1299%	21.1569%	298.140	2,701.860	23,952.677	227,055.423
99	4,000.000	90.0216	255,008.100	22.2298%	21.1737%	399.136	3,600.864	24,351.813	230,656.287
255,008.100						24,351.813	230,656.287		

Date: 29-May-24								12-M	
672nd Auction of 12-Month Government of Pakistan Market Treasury Bill									
Settlement Date : 30-May-24 Maturity Date : 29-May-25 364 Days Bill									
Rs in Million									
Bid No.	Bid Amount Face Value	Bid Price Per Rs. 100	Running Total	Bid Yield Per Annum	Weighted Average Yield per Annum	Amount of Discount	Amount Realized	Discount Amount Cumulative	Amount Realized Cumulative
1	3,000.000	83.5800	3,000.000	19.6998%	19.6998%	492.600	2,507.400	492.600	2,507.400
2	3,000.000	83.5104	6,000.000	19.7998%	19.7498%	494.688	2,505.312	987.288	5,012.712
3	250.000	83.5037	6,250.000	19.8094%	19.7522%	41.241	208.759	1,028.529	5,221.471
4	4,600.000	83.4825	10,850.000	19.8399%	19.7894%	759.805	3,840.195	1,788.334	9,061.666
5	5,000.000	83.4755	15,850.000	19.8500%	19.8085%	826.225	4,173.775	2,614.559	13,235.441
6	250.000	83.4689	16,100.000	19.8595%	19.8093%	41.328	208.672	2,655.887	13,444.114
7	4,000.000	83.4521	20,100.000	19.8837%	19.8241%	661.916	3,338.084	3,317.803	16,782.198
8	10,000.000	83.4484	30,100.000	19.8890%	19.8457%	1,655.160	8,344.840	4,972.963	25,127.038
9	2,000.000	83.4484	32,100.000	19.8890%	19.8484%	331.032	1,668.968	5,303.995	26,796.006
10	500.000	83.4477	32,600.000	19.8900%	19.8490%	82.762	417.239	5,386.756	27,213.244
11	200.000	83.4477	32,800.000	19.8900%	19.8493%	33.105	166.895	5,419.861	27,380.139
12	5,000.000	83.4416	37,800.000	19.8988%	19.8558%	827.920	4,172.080	6,247.781	31,552.219
13	4,000.000	83.4409	41,800.000	19.8998%	19.8600%	662.364	3,337.636	6,910.145	34,889.855
14	10,000.000	83.4408	51,800.000	19.9000%	19.8677%	1,655.920	8,344.080	8,566.065	43,233.935
15	2,000.000	83.4408	53,800.000	19.9000%	19.8689%	331.184	1,668.816	8,897.249	44,902.751
16	2,000.000	83.4408	55,800.000	19.9000%	19.8701%	331.184	1,668.816	9,228.433	46,571.567
17	438.750	83.4408	56,238.750	19.9000%	19.8703%	72.653	366.097	9,301.086	46,937.664
18	250.000	83.4342	56,488.750	19.9095%	19.8705%	41.415	208.586	9,342.501	47,146.249
19	2,500.000	83.4270	58,988.750	19.9198%	19.8726%	414.325	2,085.675	9,756.826	49,231.924
20	300.000	83.4269	59,288.750	19.9200%	19.8728%	49.719	250.281	9,806.545	49,482.205
21	5,000.000	83.4137	64,288.750	19.9390%	19.8779%	829.315	4,170.685	10,635.860	53,652.890
22	2,000.000	83.4137	66,288.750	19.9390%	19.8798%	331.726	1,668.274	10,967.586	55,321.164
23	2,500.000	83.4131	68,788.750	19.9399%	19.8820%	414.673	2,085.328	11,382.258	57,406.492
24	500.000	83.4130	69,288.750	19.9400%	19.8824%	82.935	417.065	11,465.193	57,823.557
25	240.000	83.4130	69,528.750	19.9400%	19.8826%	39.809	200.191	11,505.002	58,023.748
26	5,000.000	83.4062	74,528.750	19.9498%	19.8871%	829.690	4,170.310	12,334.692	62,194.058
27	2,000.000	83.4061	76,528.750	19.9500%	19.8887%	331.878	1,668.122	12,666.570	63,862.180
28	438.925	83.4061	76,967.675	19.9500%	19.8891%	72.835	366.090	12,739.405	64,228.270
29	3,000.000	83.4035	79,967.675	19.9537%	19.8915%	497.895	2,502.105	13,237.300	66,730.375
30	250.000	83.3995	80,217.675	19.9595%	19.8917%	41.501	208.499	13,278.801	66,938.874
31	2,500.000	83.3992	82,717.675	19.9599%	19.8938%	415.020	2,084.980	13,693.821	69,023.854
32	2,000.000	83.3860	84,717.675	19.9789%	19.8958%	332.280	1,667.720	14,026.101	70,691.574
33	5,000.000	83.3853	89,717.675	19.9800%	19.9005%	830.735	4,169.265	14,856.836	74,860.839
34	2,500.000	83.3853	92,217.675	19.9800%	19.9026%	415.368	2,084.633	15,272.204	76,945.471
35	2,000.000	83.3827	94,217.675	19.9837%	19.9044%	332.346	1,667.654	15,604.550	78,613.125
36	10,000.000	83.3790	104,217.675	19.9890%	19.9125%	1,662.100	8,337.900	17,266.650	86,951.025
37	2,000.000	83.3784	106,217.675	19.9899%	19.9139%	332.432	1,667.568	17,599.082	88,618.593
38	1,000.000	83.3784	107,217.675	19.9899%	19.9147%	166.216	833.784	17,765.298	89,452.377
39	5,000.000	83.3783	112,217.675	19.9901%	19.9180%	831.085	4,168.915	18,596.383	93,621.292
40	500.000	83.3783	112,717.675	19.9901%	19.9183%	83.109	416.892	18,679.491	94,038.184
41	100.000	83.3783	112,817.675	19.9901%	19.9184%	16.622	83.378	18,696.113	94,121.562
42	50.000	83.3783	112,867.675	19.9901%	19.9184%	8.311	41.689	18,704.424	94,163.251
43	5,000.000	83.3722	117,867.675	19.9988%	19.9218%	831.390	4,168.610	19,535.814	98,331.861
44	1,305.000	83.3721	119,172.675	19.9990%	19.9227%	216.994	1,088.006	19,752.808	99,419.867
45	220.000	83.3716	119,392.675	19.9997%	19.9228%	36.582	183.418	19,789.390	99,603.285
46	100.000	83.3714	119,492.675	20.0000%	19.9229%	16.629	83.371	19,806.019	99,686.656
47	50.000	83.3714	119,542.675	20.0000%	19.9229%	8.314	41.686	19,814.333	99,728.342
48	250.000	83.3648	119,792.675	20.0095%	19.9231%	41.588	208.412	19,855.921	99,936.754
49	100.000	83.3645	119,892.675	20.0100%	19.9232%	16.636	83.365	19,872.557	100,020.118
50	100.000	83.3645	119,992.675	20.0100%	19.9232%	16.636	83.365	19,889.192	100,103.483
51	50.000	83.3645	120,042.675	20.0100%	19.9233%	8.318	41.682	19,897.510	100,145.165
52	50.000	83.3645	120,092.675	20.0100%	19.9233%	8.318	41.682	19,905.828	100,186.847
53	100.000	83.3575	120,192.675	20.0201%	19.9234%	16.643	83.358	19,922.470	100,270.205
54	100.000	83.3575	120,292.675	20.0201%	19.9235%	16.643	83.358	19,939.113	100,353.562
55	50.000	83.3575	120,342.675	20.0201%	19.9235%	8.321	41.679	19,947.434	100,395.241
56	50.000	83.3575	120,392.675	20.0201%	19.9236%	8.321	41.679	19,955.755	100,436.920

Date: 29-May-24								12-M	
672nd Auction of 12-Month Government of Pakistan Market Treasury Bill									
Settlement Date :		30-May-24		Maturity Date :		29-May-25		364 Days Bill	
Rs in Million									
Bid No.	Bid Amount Face Value	Bid Price Per Rs. 100	Running Total	Bid Yield Per Annum	Weighted Average Yield per Annum	Amount of Discount	Amount Realized	Discount Amount Cumulative	Amount Realized Cumulative
57	220.000	83.3508	120,612.675	20.0297%	19.9238%	36.628	183.372	19,992.383	100,620.292
58	100.000	83.3506	120,712.675	20.0300%	19.9238%	16.649	83.351	20,009.033	100,703.642
59	100.000	83.3506	120,812.675	20.0300%	19.9239%	16.649	83.351	20,025.682	100,786.993
60	50.000	83.3506	120,862.675	20.0300%	19.9240%	8.325	41.675	20,034.007	100,828.668
61	25.000	83.3506	120,887.675	20.0300%	19.9240%	4.162	20.838	20,038.169	100,849.506
62	5,000.000	83.3444	125,887.675	20.0390%	19.9286%	832.780	4,167.220	20,870.949	105,016.726
63	500.000	83.3437	126,387.675	20.0400%	19.9290%	83.282	416.719	20,954.231	105,433.444
64	100.000	83.3437	126,487.675	20.0400%	19.9291%	16.656	83.344	20,970.887	105,516.788
65	50.000	83.3437	126,537.675	20.0400%	19.9291%	8.328	41.672	20,979.215	105,558.460
66	1,000.000	83.3400	127,537.675	20.0453%	19.9300%	166.600	833.400	21,145.815	106,391.860
67	5,000.000	83.3368	132,537.675	20.0499%	19.9346%	833.160	4,166.840	21,978.975	110,558.700
68	100.000	83.3368	132,637.675	20.0499%	19.9347%	16.663	83.337	21,995.638	110,642.037
69	50.000	83.3368	132,687.675	20.0499%	19.9347%	8.332	41.668	22,003.970	110,683.705
70	110.000	83.3300	132,797.675	20.0598%	19.9348%	18.337	91.663	22,022.307	110,775.368
71	100.000	83.3298	132,897.675	20.0600%	19.9349%	16.670	83.330	22,038.977	110,858.698
72	50.000	83.3298	132,947.675	20.0600%	19.9349%	8.335	41.665	22,047.312	110,900.363
73	100.000	83.3229	133,047.675	20.0700%	19.9350%	16.677	83.323	22,063.989	110,983.686
74	50.000	83.3229	133,097.675	20.0700%	19.9351%	8.339	41.661	22,072.328	111,025.347
75	1,000.000	83.3200	134,097.675	20.0742%	19.9361%	166.800	833.200	22,239.128	111,858.547
76	100.000	83.3160	134,197.675	20.0800%	19.9362%	16.684	83.316	22,255.812	111,941.863
77	50.000	83.3160	134,247.675	20.0800%	19.9363%	8.342	41.658	22,264.154	111,983.521
78	6,000.000	83.3134	140,247.675	20.0837%	19.9426%	1,001.196	4,998.804	23,265.350	116,982.325
79	15,000.000	83.3098	155,247.675	20.0889%	19.9567%	2,503.530	12,496.470	25,768.880	129,478.795
80	110.000	83.3092	155,357.675	20.0898%	19.9568%	18.360	91.640	25,787.240	129,570.435
81	500.000	83.3091	155,857.675	20.0899%	19.9573%	83.455	416.546	25,870.694	129,986.981
82	5,000.000	83.3029	160,857.675	20.0989%	19.9617%	834.855	4,165.145	26,705.549	134,152.126
83	1,560.000	83.3022	162,417.675	20.0999%	19.9630%	260.486	1,299.514	26,966.035	135,451.640
84	360.000	83.3022	162,777.675	20.0999%	19.9633%	60.112	299.888	27,026.147	135,751.528
85	20,198.000	83.3021	182,975.675	20.1001%	19.9784%	3,372.642	16,825.358	30,398.789	152,576.886
86	1,000.000	83.3000	183,975.675	20.1031%	19.9791%	167.000	833.000	30,565.789	153,409.886
87	220.000	83.2885	184,195.675	20.1197%	19.9792%	36.765	183.235	30,602.554	153,593.121
88	1,000.000	83.2800	185,195.675	20.1320%	19.9801%	167.200	832.800	30,769.754	154,425.921
89	15,000.000	83.2752	200,195.675	20.1389%	19.9920%	2,508.720	12,491.280	33,278.474	166,917.201
90	500.000	83.2745	200,695.675	20.1400%	19.9923%	83.628	416.373	33,362.102	167,333.573
91	2,000.000	83.2710	202,695.675	20.1450%	19.9938%	334.580	1,665.420	33,696.682	168,998.993
92	2,500.000	83.2682	205,195.675	20.1491%	19.9957%	418.295	2,081.705	34,114.977	171,080.698
93	250.000	83.2682	205,445.675	20.1491%	19.9959%	41.830	208.171	34,156.806	171,288.869
94	2,500.000	83.2680	207,945.675	20.1494%	19.9978%	418.300	2,081.700	34,575.106	173,370.569
95	220.000	83.2677	208,165.675	20.1498%	19.9979%	36.811	183.189	34,611.917	173,553.758
96	50,000.000	83.2676	258,165.675	20.1499%	20.0274%	8,366.200	41,633.800	42,978.117	215,187.558
97	7,000.000	83.2676	265,165.675	20.1499%	20.0306%	1,171.268	5,828.732	44,149.385	221,016.290
98	5,000.000	83.2676	270,165.675	20.1499%	20.0328%	836.620	4,163.380	44,986.005	225,179.670
99	1,000.000	83.2600	271,165.675	20.1609%	20.0333%	167.400	832.600	45,153.405	226,012.270
100	20,000.000	83.2473	291,165.675	20.1793%	20.0433%	3,350.540	16,649.460	48,503.945	242,661.730
101	10,000.000	83.2443	301,165.675	20.1836%	20.0480%	1,675.570	8,324.430	50,179.515	250,986.160
102	15,000.000	83.2406	316,165.675	20.1890%	20.0547%	2,513.910	12,486.090	52,693.425	263,472.250
103	20,000.000	83.2401	336,165.675	20.1897%	20.0627%	3,351.980	16,648.020	56,045.405	280,120.270
104	1,000.000	83.2400	337,165.675	20.1899%	20.0631%	167.600	832.400	56,213.005	280,952.670
105	1,000.000	83.2399	338,165.675	20.1900%	20.0635%	167.601	832.399	56,380.606	281,785.069
106	5,000.000	83.2338	343,165.675	20.1988%	20.0654%	838.310	4,161.690	57,218.916	285,946.759
107	250.000	83.2337	343,415.675	20.1990%	20.0655%	41.916	208.084	57,260.832	286,154.843
108	2,500.000	83.2334	345,915.675	20.1994%	20.0665%	419.165	2,080.835	57,679.997	288,235.678
109	10,000.000	83.2331	355,915.675	20.1999%	20.0702%	1,676.690	8,323.310	59,356.687	296,558.988
110	1,000.000	83.2331	356,915.675	20.1999%	20.0706%	167.669	832.331	59,524.356	297,391.319
111	10,000.000	83.2330	366,915.675	20.2000%	20.0741%	1,676.700	8,323.300	61,201.056	305,714.619
112	10,000.000	83.2330	376,915.675	20.2000%	20.0775%	1,676.700	8,323.300	62,877.756	314,037.919

Date: 29-May-24								12-M	
672nd Auction of 12-Month Government of Pakistan Market Treasury Bill									
Settlement Date :		30-May-24		Maturity Date :		29-May-25			
Rs in Million									
Bid No.	Bid Amount Face Value	Bid Price Per Rs. 100	Running Total	Bid Yield Per Annum	Weighted Average Yield per Annum	Amount of Discount	Amount Realized	Discount Amount Cumulative	Amount Realized Cumulative
113	10,000.000	83.2330	386,915.675	20.2000%	20.0806%	1,676.700	8,323.300	64,554.456	322,361.219
114	1,085.000	83.2330	388,000.675	20.2000%	20.0810%	181.922	903.078	64,736.378	323,264.297
115	350.000	83.2330	388,350.675	20.2000%	20.0811%	58.685	291.316	64,795.063	323,555.612
116	324.000	83.2330	388,674.675	20.2000%	20.0812%	54.325	269.675	64,849.388	323,825.287
117	280.000	83.2330	388,954.675	20.2000%	20.0813%	46.948	233.052	64,896.335	324,058.340
118	142.000	83.2330	389,096.675	20.2000%	20.0813%	23.809	118.191	64,920.144	324,176.531
119	36.000	83.2330	389,132.675	20.2000%	20.0813%	6.036	29.964	64,926.181	324,206.494
120	28.000	83.2330	389,160.675	20.2000%	20.0813%	4.695	23.305	64,930.875	324,229.800
121	10,000.000	83.2269	399,160.675	20.2088%	20.0845%	1,677.310	8,322.690	66,608.185	332,552.490
122	2,000.000	83.2200	401,160.675	20.2188%	20.0852%	335.600	1,664.400	66,943.785	334,216.890
123	5,000.000	83.2055	406,160.675	20.2398%	20.0871%	839.725	4,160.275	67,783.510	338,377.165
124	1,000.000	83.2054	407,160.675	20.2400%	20.0875%	167.946	832.054	67,951.456	339,209.219
125	3,000.000	83.2040	410,160.675	20.2420%	20.0886%	503.880	2,496.120	68,455.336	341,705.339
126	2,000.000	83.2000	412,160.675	20.2478%	20.0894%	336.000	1,664.000	68,791.336	343,369.339
127	500.000	83.1992	412,660.675	20.2489%	20.0896%	84.004	415.996	68,875.340	343,785.335
128	4,000.000	83.1990	416,660.675	20.2492%	20.0911%	672.040	3,327.960	69,547.380	347,113.295
129	2,500.000	83.1990	419,160.675	20.2492%	20.0920%	420.025	2,079.975	69,967.405	349,193.270
130	200.000	83.1985	419,360.675	20.2500%	20.0921%	33.603	166.397	70,001.008	349,359.667
131	200.000	83.1985	419,560.675	20.2500%	20.0922%	33.603	166.397	70,034.611	349,526.064
132	10,000.000	83.1752	429,560.675	20.2837%	20.0966%	1,682.480	8,317.520	71,717.091	357,843.584
133	5,000.000	83.1710	434,560.675	20.2898%	20.0989%	841.450	4,158.550	72,558.541	362,002.134
134	5,000.000	83.1647	439,560.675	20.2989%	20.1011%	841.765	4,158.235	73,400.306	366,160.369
135	2,500.000	83.1647	442,060.675	20.2989%	20.1023%	420.883	2,079.118	73,821.189	368,239.486
136	250.000	83.1647	442,310.675	20.2989%	20.1024%	42.088	207.912	73,863.277	368,447.398
137	2,500.000	83.1645	444,810.675	20.2992%	20.1035%	420.888	2,079.113	74,284.165	370,526.510
138	1,500.000	83.1640	446,310.675	20.3000%	20.1041%	252.540	1,247.460	74,536.705	371,773.970
139	100.000	83.1640	446,410.675	20.3000%	20.1042%	16.836	83.164	74,553.541	371,857.134
140	1.500	83.1640	446,412.175	20.3000%	20.1042%	0.253	1.247	74,553.793	371,858.382
141	3,000.000	83.1302	449,412.175	20.3490%	20.1058%	506.094	2,493.906	75,059.887	374,352.288
142	250.000	83.1302	449,662.175	20.3490%	20.1060%	42.175	207.826	75,102.062	374,560.113
143	2,500.000	83.1300	452,162.175	20.3493%	20.1073%	421.750	2,078.250	75,523.812	376,638.363
144	2,000.000	83.1296	454,162.175	20.3498%	20.1084%	337.408	1,662.592	75,861.220	378,300.955
145	1,500.000	83.1296	455,662.175	20.3498%	20.1092%	253.056	1,246.944	76,114.276	379,547.899
146	2,500.000	83.1088	458,162.175	20.3800%	20.1106%	422.280	2,077.720	76,536.556	381,625.619
147	10,000.000	83.1063	468,162.175	20.3837%	20.1165%	1,689.370	8,310.630	78,225.926	389,936.249
148	5,000.000	83.0958	473,162.175	20.3989%	20.1195%	845.210	4,154.790	79,071.136	394,091.039
149	2,500.000	83.0957	475,662.175	20.3991%	20.1209%	422.608	2,077.393	79,493.743	396,168.432
150	500.000	83.0957	476,162.175	20.3991%	20.1212%	84.522	415.479	79,578.265	396,583.910
151	2,500.000	83.0951	478,662.175	20.3999%	20.1227%	422.623	2,077.378	80,000.887	398,661.288
152	1,000.000	83.0951	479,662.175	20.3999%	20.1233%	169.049	830.951	80,169.936	399,492.239
153	1,000.000	83.0951	480,662.175	20.3999%	20.1238%	169.049	830.951	80,338.985	400,323.190
154	7,500.000	83.0270	488,162.175	20.4989%	20.1296%	1,272.975	6,227.025	81,611.960	406,550.215
155	1,000.000	83.0263	489,162.175	20.4999%	20.1303%	169.737	830.263	81,781.697	407,380.478
156	7,500.000	82.9583	496,662.175	20.5989%	20.1374%	1,278.128	6,221.873	83,059.825	413,602.350
157	1,000.000	82.9576	497,662.175	20.5999%	20.1384%	170.424	829.576	83,230.249	414,431.926
158	7,500.000	82.8897	505,162.175	20.6990%	20.1467%	1,283.273	6,216.728	84,513.521	420,648.654
159	1,000.000	82.8890	506,162.175	20.7000%	20.1478%	171.110	828.890	84,684.631	421,477.544
160	15.000	82.8274	506,177.175	20.7900%	20.1478%	2.576	12.424	84,687.207	421,489.968
161	10,000.000	82.8213	516,177.175	20.7989%	20.1604%	1,717.870	8,282.130	86,405.077	429,772.098
162	1,000.000	82.8205	517,177.175	20.8000%	20.1616%	171.795	828.205	86,576.872	430,600.303
163	10,000.000	82.7529	527,177.175	20.8989%	20.1756%	1,724.710	8,275.290	88,301.582	438,875.593
164	1,000.000	82.7522	528,177.175	20.9000%	20.1770%	172.478	827.522	88,474.060	439,703.115
165	10,000.000	82.6847	538,177.175	20.9989%	20.1923%	1,731.530	8,268.470	90,205.590	447,971.585
166	1,000.000	82.6840	539,177.175	20.9999%	20.1938%	173.160	826.840	90,378.750	448,798.425
539,177.175						90,378.750	448,798.425		