
UNIVERSITI SAINS MALAYSIA

Peperiksaan Kursus Semasa Cuti Panjang
Sidang Akademik 2007/2008

Jun 2008

**AFW360 - Kewangan Korporat
[Corporate Finance]**

Masa: 3 jam
[Duration: 3 hours]

Sila pastikan bahawa kertas peperiksaan ini mengandungi **TUJUH** muka surat yang bercetak sebelum anda memulakan peperiksaan ini.

*[Please check that this examination paper consists of **SEVEN** pages of printed material before you begin the examination.]*

Arahan: Jawab **LIMA** soalan.

Instructions: Answer **FIVE** questions.

Soalan1/Question 1

- (a) Dalam satu mesyuarat Lembaga Pengarah, seorang Ketua Pegawai Eksekutif telah dipetik sebagai berkata "...objektif utama kita untuk tahun ini adalah untuk menghasilkan jualan melepas paras RM100 juta dan diharapkan ini boleh memberikan kita keuntungan sekurang-kurangnya RM20 juta". Secara teori, adakah objektif ini sesuatu yang paling penting dicapai oleh firma? Bincangkan.

In a Board of Director meeting, a Chief Executive Officer was quoted as saying "...our main objective this year is to make a sale exceeding RM100 million and hopefully this will give us a profit of RM20 million". In theory, is this objective something very important to achieve by a firm? Discuss.

[10 markah/marks]

- (b) Bon Multipurpose Corp. membayar faedah kupon sebanyak 9.5% kepada pemegang bonnya. Faedah ini dibayar setiap 6 bulan. Bon ini diterbitkan 8 tahun yang lalu pada harga par RM1000, tetapi sekarang harganya adalah RM871.50, dan masih ada 12 tahun sebelum matang. Berapakah hasil hingga matang bon ini (YTM)?

Multipurpose Corp. Bond pays coupon interest of 9.5% to its holders. This interest is paid every 6 month. This bond was issued 8 years ago at a par value of RM1000, but the price now is RM871.50, and still has 12 years before maturity. What is the yield to maturity (YTM) of this bond?

[10 markah/marks]

Soalan 2/Question 2

- (a) Jelaskan tentang risiko tukaran asing. Berikan satu contoh bagaimana sebuah firma boleh menghadapi risiko ini apabila berurusan dengan rakan niaga atau pelanggan di negara lain.

Explain foreign exchange risk. Give an example how a firm could face this risk when dealing with a partner or customer in another country.

[10 markah/marks]

- (b) Binyu Enterprise. sedang menimbang struktur modal yang paling optimum. Pihak pengurusan diberikan maklumat berikut:

<u>Nisbah hutang/aset</u>	<u>kos hutang, k_d</u>	<u>Kos ekuiti, k_e</u>
.30	.10	.125
.40	.105	.13
.50	.11	.135
.60	.117	.142
.70	.13	.155

Berdasarkan maklumat di atas, struktur modal manakah yang patut dipilih? Berikan alasan anda. Andaikan kadar cukai adalah 30%.

Binyu enterprise is considering an optimum capital structure. The management is given the following information:

<u>Debt/assets ratio</u>	<u>Cost of debt, k_d</u>	<u>Cost of equity, k_e</u>
.30	.10	.125
.40	.105	.13
.50	.11	.135
.60	.117	.142
.70	.13	.155

Based on the information above, which capital structure the firm should choose? Give your reasons. Assume the tax rate is 30%

[10 markah/marks]

Soalan 3/Question 3

- (a) Dua kaedah belanjawan modal yang biasa digunakan oleh firma adalah kaedah tempoh bayar balik dan kadar pulangan dalaman (IRR). Jelaskan kebaikan dan kelemahan kedua-dua kaedah ini dalam proses belanjawan modal.

Two capital budgeting techniques commonly used by firms are payback period and internal rate of return (IRR). Explain the strengths and weaknesses of both methods in the capital budgeting process.

[10 markah/marks]

- (b) Sepanjang lima tahun lepas, perolehan sesaham saham biasa EngCorp. bertambah dari RM0.62 kepada RM0.91. Jika pelabur saham EngCorp. memerlukan pulangan 14% dari pelaburan mereka dalam saham ini, berapakah nilai semasa saham EngCorp? Andaikan dividen semasa EngCorp. adalah RM0.12, dan perolehan sesaham dan dividen dijangka bertumbuh pada kadar konstan.

Over the last five years, retained earnings per share for EngCorp common stock increases from RM0.62 to RM0.91. If investors of EngCorp require a return of 14% from their investment in this stock, what is the current value of EngCorp stocks? Assume current dividend EngCorp is RM0.12, and earning per share and dividend are expected to grow at a constant rate.

[10 markah/marks]

Soalan 4/Question 4

- (a) Jelaskan tentang Hipotesis Pasaran Cekap (EMH) dan tiga bentuk pasaran cekap. Berikan satu contoh yang sesuai bagi setiap bentuk tersebut.

Explain the Efficient Market Hypothesis (EMH) and the three forms of efficient market. Give a suitable example for each of these forms.

[10 markah/marks]

- (b) Haikal meminjam RM30,000 dari CitiBank Bhd. untuk membiayai pengajiannya di peringkat ijazah sarjana muda. CitiBank mengenakan 6 peratus kadar faedah setahun. Haikal dikehendaki membuat sepuluh kali pembayaran tahunan yang sama bermula akhir tahun ini kepada bank. Berapakah jumlah bayaran faedah yang Haikal bayar untuk pinjaman ini selepas 10 tahun tersebut? Tunjukkan pengiraan anda.

Haikal borrows RM30,000 from CitiBank Bhd to finance his study at the first degree level. CitiBank charges 6 percent interest a year. Haikal is required to make ten equal annual payment commencing end of this year to the bank. How much is the total interest that Haikal pays for this loan after those 10 years? Show your calculation.

[10 markah/marks]

Soalan 5/Question 5

- (a) Penilaian saham biasa adalah lebih rumit berbanding dengan penilaian bon. Adakah anda bersetuju dengan kenyataan ini. Jelaskan secara terperinci.

Common share valuation is more difficult compared to bond valuation. Do you agree with this statement. Explain.

[10 markah/marks]

- (b) Firma BolehMaju sedang menimbang satu projek di Kota Bharu. Projek memerlukan pelaburan awal sebanyak RM148,000 untuk bermula. Pada tahun pertama, projek ini akan menghasilkan RM25,000, kemudian menghasilkan RM45,000 untuk tahun ke-2 sehingga tahun ke-7. Pada tahun ke-8, projek ini menghasilkan aliran tunai negatif sebanyak RM27,000. Jika kos modal adalah 11 peratus, berapakah nilai kini bersih projek?

BolehMaju firm is considering a project in Kota Bharu. This project needs an initial investment of RM148,000 to start. In the first year, this project will generate RM25,000, then RM45,000 in the second year up to year 7. In year 8, this project will generate a negative cash flow of RM27,000. If the cost of capital is 11 percent, what is the net present value of this project?

[10 markah/marks]

...5/-

Soalan 6/Question 6

- (a) Penggunaan hutang dalam struktur modal mempunyai kebaikan dan keburukan terhadap firma. Bincangkan kebaikan dan keburukan ini dengan memberikan contoh jika perlu.

The use of debt in capital structure has its advantages and disadvantages to the firm. Discuss these advantages and disadvantages by giving examples if needed.

[10 markah/marks]

- (b) Anda sedang menimbang untuk melabur dalam dua sekuriti, X dan Y. Sekuriti X mempunyai beta yang sama dengan beta pasaran, manakala sekuriti Y mempunyai beta 0.5. Pulangan pasaran adalah 10 peratus, manakala pulangan bebas risiko adalah 6 peratus. Jika portfolio anda mengandungi 20 peratus Sekuriti X dan selebihnya Sekuriti Y, berapakah jangkaan pulangan portfolio anda?

You are considering investing in two securities, X and Y. Security X has the same beta as the market, while Security Y has a beta of 0.5. The market return is 10 percent, while risk-free return is 6 percent. If your portfolio consists of 20 percent of Security X and the rest of Security Y, what is the expected return of your portfolio?

[10 markah/marks]

Table A.1 Present Value of \$1 to Be Received after T Periods = $1/(1+r)^T$

Period	Interest Rate									
	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%
1	.9901	.9804	.9709	.9615	.9524	.9434	.9346	.9259	.9174	
2	.9803	.9612	.9426	.9246	.9070	.8903	.8734	.8573	.8417	
3	.9706	.9423	.9151	.8890	.8638	.8396	.8163	.7938	.7722	
4	.9610	.9236	.8865	.8546	.8227	.7921	.7629	.7350	.7083	
5	.9515	.8957	.8424	.8019	.7625	.7243	.6870	.6506	.6149	
6	.9420	.8880	.8375	.7901	.7462	.7050	.6643	.6302	.5963	
7	.9327	.8706	.8131	.7539	.7107	.6651	.6227	.5835	.5470	
8	.9235	.8533	.7894	.7307	.6768	.6274	.5820	.5403	.5019	
9	.9143	.8366	.7664	.7016	.6446	.5919	.5439	.5002	.4604	
10	.9053	.8203	.7441	.6746	.6139	.5584	.5033	.4532	.4124	
11	.8963	.8043	.7224	.6476	.5847	.5248	.4751	.4289	.3875	
12	.8874	.7885	.7014	.6246	.5568	.4970	.4440	.3971	.3555	
13	.8787	.7730	.6810	.6006	.5303	.4688	.4150	.3677	.3262	
14	.8700	.7579	.6611	.5778	.5051	.4423	.3878	.3405	.2992	
15	.8613	.7430	.6419	.5553	.4810	.4213	.3624	.3152	.2745	
16	.8528	.7284	.6232	.5359	.4581	.3938	.3387	.2819	.2519	
17	.8444	.7142	.6050	.5134	.4363	.3714	.3166	.2703	.2311	
18	.8360	.6902	.5874	.4936	.4155	.3503	.2959	.2502	.2120	
19	.8277	.6864	.5703	.4746	.3957	.3303	.2785	.2317	.1945	
20	.8195	.6730	.5537	.4564	.3769	.3118	.2584	.2145	.1784	
21	.8114	.6598	.5375	.4398	.3589	.2942	.2415	.1987	.1637	
22	.8034	.6468	.5219	.4220	.3418	.2775	.2257	.1839	.1502	
23	.7954	.6342	.5067	.4057	.3256	.2610	.2109	.1703	.1378	
24	.7876	.6217	.4919	.3901	.3101	.2470	.1971	.1577	.1264	
25	.7798	.6095	.4776	.3751	.2953	.2330	.1842	.1460	.1160	
30	.7419	.5521	.4120	.3083	.2314	.1741	.1314	.0994	.0754	
40	.6717	.4529	.3066	.2083	.1420	.0972	.0648	.0460	.0318	
50	.6080	.3715	.2281	.1407	.0872	.0543	.0339	.0213	.0134	

Period	Interest Rate									
	10%	12%	14%	15%	16%	18%	20%	24%	28%	32%
1	.9091	.8929	.8772	.8696	.8621	.8475	.8333	.8045	.7813	.7553
2	.8264	.7972	.7695	.7561	.7432	.7182	.6944	.6504	.6104	.5739
3	.7513	.7118	.6750	.6575	.6407	.6086	.5787	.5245	.4768	.4348
4	.6830	.6355	.5921	.5716	.5523	.5158	.4823	.4230	.3725	.3294
5	.6209	.5674	.5194	.4972	.4761	.4371	.4019	.3411	.2910	.2495
6	.5645	.5066	.4556	.4323	.4104	.3704	.3349	.2751	.2274	.1890
7	.5132	.4523	.3996	.3759	.3538	.3139	.2791	.2218	.1776	.1432
8	.4665	.4039	.3506	.3269	.3050	.2660	.2326	.1789	.1388	.1085
9	.4241	.3606	.3075	.2843	.2630	.2255	.1938	.1443	.1084	.0822
10	.3855	.3210	.2697	.2472	.2267	.1911	.1615	.1164	.0847	.0623
11	.3505	.2875	.2366	.2149	.1954	.1619	.1346	.0938	.0662	.0472
12	.3186	.2567	.2076	.1869	.1685	.1372	.1122	.0757	.0517	.0357
13	.2897	.2292	.1821	.1625	.1452	.1163	.0935	.0610	.0404	.0271
14	.2633	.2046	.1597	.1413	.1252	.0985	.0779	.0492	.0316	.0205
15	.2394	.1827	.1401	.1229	.1079	.0835	.0649	.0397	.0247	.0155
16	.2176	.1631	.1229	.1069	.0930	.0708	.0541	.0320	.0193	.0118
17	.1978	.1456	.1078	.0929	.0802	.0600	.0451	.0258	.0150	.0089
18	.1799	.1300	.0946	.0808	.0691	.0508	.0376	.0206	.0118	.0068
19	.1635	.1161	.0829	.0703	.0596	.0431	.0313	.0168	.0092	.0051
20	.1486	.1037	.0728	.0611	.0514	.0365	.0261	.0135	.0072	.0039
21	.1351	.0924	.0638	.0531	.0443	.0309	.0217	.0109	.0056	.0029
22	.1228	.0826	.0560	.0462	.0381	.0262	.0181	.0086	.0044	.0022
23	.1117	.0739	.0491	.0402	.0329	.0222	.0151	.0071	.0034	.0017
24	.1015	.0659	.0431	.0349	.0284	.0188	.0126	.0057	.0027	.0013
25	.0922	.0589	.0376	.0304	.0245	.0160	.0076	.0046	.0021	.0009
30	.0573	.0334	.0196	.0151	.0116	.0070	.0042	.0016	.0006	.0001
40	.0221	.0107	.0033	.0037	.0026	.0013	.0007	.0002	.0001	.
50	.0065	.0035	.0014	.0009	.0006	.0003	.0001	.	.	.

*The factor is zero to four decimal places.

Table A.2 Present Value of an Annuity of \$1 per Period for T Periods = $[1 - 1/(1+r)^T]/r$

Number of Periods	Interest Rate									
	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%
1	.9901	.9804	.9709	.9615	.9524	.9434	.9344	.9254	.9174	
2	1.9704	1.9416	1.9135	1.8861	1.8594	1.8334	1.8080	1.7833	1.7591	
3	2.9410	2.8839	2.8286	2.7751	2.7232	2.6730	2.6243	2.5771	2.5313	
4	3.9020	3.8077	3.7171	3.6299	3.5460	3.4651	3.3872	3.3121	3.2397	
5	4.8534	4.7135	4.5797	4.4518	4.3295	4.2124	4.1002	3.9927	3.8897	
6	5.7955	5.6014	5.4172	5.2421	5.0757	4.9173	4.7645	4.6229	4.4859	
7	6.7282	6.4720	6.2303	6.0021	5.7864	5.5824	5.3893	5.2064	5.0330	
8	7.6517	7.3255	7.0197	6.7327	6.4632	6.2098	5.9713	5.7466	5.5348	
9	8.5660	8.1622	7.7861	7.4353	7.0787	6.8017	6.5152	6.2469	5.9952	
10	9.4713	8.9626	8.5302	8.1109	7.7217	7.3601	7.0236	6.7101	6.4177	
11	10.3676	9.7868	9.2526	8.7605	8.3064	7.8869	7.4987	7.1390	6.8052	
12	11.2551	10.5753	9.9540	9.3851	8.8633	8.3838	7.9422	7.5361	7.1607	
13	12.1337	11.3484	10.6350	9.9856	9.3936	8.8527	8.3577	7.9038	7.4869	
14	13.0037	12.1962	11.2961	10.5631	9.8986	9.2950	8.7455	8.2442	7.7662	
15	13.8651	12.8493	11.9379	11.1184	10.3797	9.7122	9.1079	8.5595	8.0607	
16	14.7179	13.5777	12.5611	11.6523	10.8378	10.1059	9.4466	8.8514	8.3126	
17	15.5623	14.2919	13.1661	12.1657	11.2741	10.4773	9.7632	9.1216	8.5436	
18	16.3983	14.9920	13.7535	12.6593	11.8396	10.8276	10.0591	9.3719	8.7556	
19	17.2260	15.6785	14.3238	13.2092	12.3093	11.4095	10.5940	9.8636	9.1950	
20	18.0456	16.3514	14.8775	13.9503	13.2462	12.4699	11.6940	10.9410	10.2922	
21	18.8570	17.0112	15.4150	14.0292	13.2812	12.7641	12.0355	11.0768	10.2922	
22	19.6604	17.6580	15.9369	14.4511	13.6130	12.0416	11.0612	10.2007	9.4424	
23	20.4558	18.2927	16.4436	14.8568	13.9886	12.3034	11.2722	10.3741	9.5802	
24	21.2434	18.9139	16.9355	15.2470	13.7986	12.5504	11.4693	10.5288	9.7066	
25	22.0232	19.5235	17.4131	15.6221	14.0939	12.7834	11.6536	10.6748	9.8226	
30	25.8077	22.3965	19.6004	17.2920	15.3725	13.7648	12.4090	11.2578	10.2377	
40	32.8147	27.3555	23.1148	19.7928	17.1591	15.0463	13.3317	11.9246	10.7574	
50	39.1961	31.4236	25.7298	21.4822	18.2559	15.7619	13.8007	12.2335	10.9617	

Table A.3 Future Value of \$1 at the End of T Periods = $(1 + r)^T$

Period	Interest Rate									
	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%
1	1.0000	1.0200	1.0400	1.0600	1.0800	1.1000	1.1200	1.1400	1.1600	1.1800
2	1.0404	1.0804	1.1204	1.1604	1.2004	1.2404	1.2804	1.3204	1.3604	1.4004
3	1.0930	1.1201	1.1627	1.2025	1.2426	1.2826	1.3226	1.3626	1.4026	1.4426
4	1.1466	1.1804	1.2224	1.2625	1.3025	1.3425	1.3825	1.4225	1.4625	1.5025
5	1.2010	1.2321	1.2725	1.3125	1.3525	1.3925	1.4325	1.4725	1.5125	1.5525
6	1.2653	1.2961	1.3366	1.3766	1.4166	1.4566	1.4966	1.5366	1.5766	1.6166
7	1.3399	1.3707	1.4107	1.4507	1.4907	1.5307	1.5707	1.6107	1.6507	1.6907
8	1.4248	1.4648	1.5048	1.5448	1.5848	1.6248	1.6648	1.7048	1.7448	1.7848
9	1.5200	1.5601	1.6002	1.6402	1.6802	1.7202	1.7602	1.8002	1.8402	1.8802
10	1.6254	1.6704	1.7154	1.7604	1.8054	1.8504	1.8954	1.9404	1.9854	2.0304
11	1.7411	1.7931	1.8451	1.8971	1.9511	2.0051	2.0651	2.1251	2.1851	2.2451
12	1.8678	1.9298	1.9918	2.0538	2.1158	2.1778	2.2398	2.2918	2.3538	2.4158
13	2.0054	2.0774	2.1504	2.2234	2.3004	2.3774	2.4504	2.5234	2.6004	2.6774
14	2.1536	2.2356	2.3206	2.4156	2.5136	2.6156	2.7156	2.8156	2.9156	3.0156
15	2.3125	2.4055	2.5005	2.6055	2.7125	2.8205	2.9255	3.0325	3.1325	3.2325
16	2.4822	2.5862	2.7002	2.8202	2.9422	3.0662	3.1862	3.3062	3.4262	3.5462
17	2.6626	2.7786	2.9046	3.0326	3.1626	3.2946	3.4246	3.5546	3.6846	3.8146
18	2.8541	3.0001	3.1561	3.3121	3.4741	3.6401	3.8081	3.9741	4.1401	4.3041
19	3.0566	3.2226	3.4006	3.5786	3.7566	3.9346	4.1106	4.2866	4.4546	4.6206
20	3.2691	3.4561	3.6501	3.8521	4.0561	4.2661	4.4761	4.6861	4.9001	5.1141
21	3.4926	3.7006	3.9186	4.1406	4.3626	4.6006	4.8426	5.1006	5.3626	5.6306
22	3.7261	4.0001	4.2941	4.5841	4.8721	5.1601	5.4441	5.7321	6.0201	6.3141
23	4.0696	4.3606	4.6606	4.9606	5.2696	5.5796	5.8896	6.2006	6.5196	6.8396
24	4.4231	4.7301	5.0441	5.3641	5.6921	6.0201	6.3541	6.7001	7.0541	7.4141
25	4.8866	5.2106	5.5446	5.8886	6.2426	6.6066	6.9746	7.3506	7.7346	8.1246
30	6.4898	6.9088	7.3438	7.8038	8.2868	8.7908	9.3138	9.8568	10.4198	11.0098
40	8.4947	9.0000	9.5447	10.1047	10.7047	11.3347	12.0047	12.7047	13.4347	14.1947
50	10.4466	11.0000	11.6066	12.2466	12.9266	13.6466	14.3966	15.1766	16.0066	16.8766
60	12.4167	13.0000	13.6267	14.3067	15.0367	15.8067	16.6167	17.4567	18.3367	19.2567
70	14.3975	15.0000	15.7475	16.5275	17.3475	18.1975	19.0775	20.0075	21.0075	22.0575
80	16.3903	17.0000	17.7403	18.5203	19.3403	20.1903	21.0703	22.0003	23.0003	24.0503
90	18.3943	19.0000	19.7443	20.5243	21.3443	22.1943	23.0743	24.0043	25.0043	26.0543
100	20.3993	21.0000	21.7493	22.5293	23.3493	24.1993	25.0793	26.0093	27.0093	28.0593
110	22.4043	23.0000	23.7443	24.5243	25.3443	26.1943	27.0743	28.0043	29.0043	30.0543
120	24.4193	25.0000	25.7493	26.5293	27.3493	28.1993	29.0793	30.0093	31.0093	32.0593
130	26.4343	27.0000	27.7443	28.5243	29.3443	30.1943	31.0743	32.0043	33.0043	34.0543
140	28.4593	29.0000	29.7443	30.5243	31.3443	32.1943	33.0743	34.0043	35.0043	36.0543
150	30.4843	31.0000	31.7443	32.5243	33.3443	34.1943	35.0743	36.0043	37.0043	38.0543
160	32.5193	33.0000	33.7443	34.5243	35.3443	36.1943	37.0743	38.0043	39.0043	40.0543
170	34.5543	35.0000	35.7443	36.5243	37.3443	38.1943	39.0743	40.0043	41.0043	42.0543
180	36.5993	37.0000	37.7443	38.5243	39.3443	40.1943	41.0743	42.0043	43.0043	44.0543
190	38.6443	39.0000	39.7443	40.5243	41.3443	42.1943	43.0743	44.0043	45.0043	46.0543
200	40.6993	41.0000	41.7443	42.5243	43.3443	44.1943	45.0743	46.0043	47.0043	48.0543
210	42.7543	43.0000	43.7443	44.5243	45.3443	46.1943	47.0743	48.0043	49.0043	50.0543
220	44.8193	45.0000	45.7443	46.5243	47.3443	48.1943	49.0743	50.0043	51.0043	52.0543
230	46.8843	47.0000	47.7443	48.5243	49.3443	50.1943	51.0743	52.0043	53.0043	54.0543
240	48.9593	49.0000	49.7443	50.5243	51.3443	52.1943	53.0743	54.0043	55.0043	56.0543
250	51.0343	51.0000	51.7443	52.5243	53.3443	54.1943	55.0743	56.0043	57.0043	58.0543
260	53.1193	53.0000	53.7443	54.5243	55.3443	56.1943	57.0743	58.0043	59.0043	60.0543
270	55.2043	55.0000	55.7443	56.5243	57.3443	58.1943	59.0743	60.0043	61.0043	62.0543
280	57.2993	57.0000	57.7443	58.5243	59.3443	60.1943	61.0743	62.0043	63.0043	64.0543
290	59.3943	59.0000	59.7443	60.5243	61.3443	62.1943	63.0743	64.0043	65.0043	66.0543
300	61.4993	61.0000	61.7443	62.5243	63.3443	64.1943	65.0743	66.0043	67.0043	68.0543
310	63.6043	63.0000	63.7443	64.5243	65.3443	66.1943	67.0743	68.0043	69.0043	70.0543
320	65.7193	65.0000	65.7443	66.5243	67.3443	68.1943	69.0743	70.0043	71.0043	72.0543
330	67.8343	67.0000	67.7443	68.5243	69.3443	70.1943	71.0743	72.0043	73.0043	74.0543
340	69.9593	69.0000	69.7443	70.5243	71.3443	72.1943	73.0743	74.0043	75.0043	76.0543
350	72.0943	71.0000	71.7443	72.5243	73.3443	74.1943	75.0743	76.0043	77.0043	78.0543
360	74.2443	73.0000	73.7443	74.5243	75.3443	76.1943	77.0743	78.0043	79.0043	80.0543
370	76.3993	75.0000	75.7443	76.5243	77.3443	78.1943	79.0743	80.0043	81.0043	82.0543
380	78.5543	77.0000	77.7443	78.5243	79.3443	80.1943	81.0743	82.0043	83.0043	84.0543
390	80.7193	79.0000	79.7443	80.5243	81.3443	82.1943	83.0743	84.0043	85.0043	86.0543
400	82.8843	80.0000	80.7443	81.5243	82.3443	83.1943	84.0743	85.0043	86.0043	87.0543
410	85.0593	81.0000	81.7443	82.5243	83.3443	84.1943	85.0743	86.0043	87.0043	88.0543
420	87.2343	82.0000	82.7443	83.5243	84.3443	85.1943	86.0743	87.0043	88.0043	89.0543
430	89.4193	83.0000	83.7443	84.5243	85.3443	86.1943	87.0743	88.0043	89.0043	90.0543
440	91.6043	84.0000	84.7443	85.5243	86.3443	87.1943	88.0743	89.0043	90.0043	91.0543
450	93.7893	85.0000	85.7443	86.5243	87.3443	88.1943	89.0743	90.0043	91.0043	92.0543
460	95.9743	86.0000	86.7443	87.5243	88.3443	89.1943	90.0743	91.0043	92.0043	93.0543
470	98.1643	87.0000	87.7443	88.5243	89.3443	90.1943	91.0743	92.0043	93.0043	94.0543
480	100.3593	88.0000	88.7443	89.5243	90.3443	91.1943	92.0743	93.0043	94.0043	95.0543
490	102.5543	89.0000	89.7443	90.5243	91.3443	92.1943	93.0743	94.0043	95.0043	96.0543
500	104.7593	90.0000	90.7443	91.5243	92.3443	93.1943	94.0743	95.0043	96.0043	97.0543
510	107.0043	91.0000	91.7443	92.5243	93.3443	94.1943	95.0743	96.0043	97.0043	98.0543
520	109.2993	92.0000	92.7443	93.5243	94.3443	95.1943	96.0743	97.0043	98.0043	99.0543
530	111.6043	93.0000	93.7443	94.5243	95.3443	96.1943	97.0743	98.0043	99.0043	100.0543
540	113.9293	94.0000	94.7443	95.5243	96.3443	97.1943	98.0743	99.0043	100.0043	101.0543
550	116.3543	95.0000	95.7443	96.5243	97.3443	98.1943	99.0743	100.0043	101.0043	102.0543
560	118.8043	96.0000	96.7443	97.5243	98.3443	99.1943	100.0743	101.0043	102.0043	103.0543
570	121.3593	97.0000	97.7443	98.5243	99.3443	100.1943	101.0743	102.0043	103.0043	104.0543
580	123.9343	98.0000	98.7443	99.5243	100.3443	101.1943	102.0743	103.0043	104.0043	105.0543
590	126.5343	99.0000	99.7443	100.5243	101.3443	102.1943	103.0743	104.0043	105.0043	106.0543
600	129.1643									