

SULIT



BAHAGIAN PEPERIKSAAN DAN PENILAIAN
JABATAN PENDIDIKAN POLITEKNIK
KEMENTERIAN PENDIDIKAN TINGGI

JABATAN PERDAGANGAN

PEPERIKSAAN AKHIR

SESI JUN 2017

PB604 : BUSINESS FINANCE

TARIKH : 29 OKTOBER 2017

MASA : 2.30 PETANG - 4.30 PETANG (2 JAM)

Kertas ini mengandungi **DUA BELAS (12)** halaman bercetak.

Bahagian A : Struktur (1 soalan Wajib Jawab)

Bahagian B : Struktur (Jawab 3 soalan daripada 4 soalan)

Dokumen sokongan yang disertakan : PVIF dan PVIFA

JANGAN BUKA KERTAS SOALAN INI SEHINGGA DIARAHKAN

(CLO yang tertera hanya sebagai rujukan)

SULIT

SECTION A : 25 MARKS

BAHAGIAN A : 25 MARKAH

INSTRUCTION: Answer ALL question.

ARAHAN : Jawab SEMUA soalan.

QUESTION 1

SOALAN 1

Genie Jane Sdn Bhd is considering applying a short-term loan for its expansion plan. The Statement of Financial Position and Income Statement for the Genie Jane Sdn. Bhd. are as follows.

Genie Jane Sdn Bhd sedang mempertimbangkan untuk memohon pinjaman jangka pendek untuk mengembangkan perniagaannya. Penyata lembaran kewangan dan Penyata pendapatan bagi Genie Jane Sdn. Bhd. adalah seperti berikut.

Genie Jane Sdn Bhd
Income Statement / Penyata Pendapatan
for the Year Ended December 31, 2016/Bagi tahun berakhir 31 Disember 2016

	RM
Sales / <i>Jualan</i>	3,000,000
(-) Cost of goods sold / <i>Kos Jualan</i>	<u>2,580,000</u>
Gross Profits / <i>Untung kasar</i>	420,000
(-) Operating Expenses / <i>Belanja Operasi</i>	
Selling expense / <i>Belanja Jualan</i>	22,000
Administrative expenses / <i>Belanja Pentadbiran</i>	40,000
Utilities expense / <i>Belanja utiliti</i>	28,000
Depreciation expense / <i>Belanja Susutnilai</i>	<u>100,000</u>
Total operating expense / <i>Jumlah perbelanjaan operasi</i>	<u>190,000</u>
Operating profits / <i>Keuntungan Operasi</i>	230,000
+ Other income / <i>lain-lain pendapatan</i>	<u>15,000</u>
EBIT / <i>Peeolehan sebelum faedah dan cukai</i>	245,000
(-) Interest expense / <i>Belanja faedah</i>	<u>45,000</u>
Net profits before tax / <i>Keuntungan sebelum cukai</i>	200,000
(-) Taxes / <i>Cukai</i>	80,000
Net Profit / <i>Pendapatan Bersih</i>	<u><u>120,000</u></u>

Genie Jane Sdn Bhd

Statement of Financial Position / *Penyata Lembaran Kewangan*
as of December 31, 2016/ *pada 31 Disember 2016*

	RM
Cash / <i>Tunai</i>	50,000
Marketable securities / <i>Sekuriti boleh pasar</i>	150,000
Accounts receivable / <i>Akaun belum terima</i>	200,000
Inventories / <i>Inventori</i>	<u>300,000</u>
Total current assets / <i>Jumlah asset semasa</i>	700,000
Non-current assets / <i>Aset bukan semasa</i>	1,800,000
(-) Provision of depreciation / <i>Peruntukan susutnilai</i>	<u>500,000</u>
Total net fixed assets / <i>Jumlah asset bukan semasa bersih</i>	<u>1,300,00</u>
TOTAL ASSETS / <i>JUMLAH ASET</i>	<u>2,000,000</u>
Accounts payable / <i>Akaun belum bayar</i>	60,000
Notes payable / <i>Nota belum bayar</i>	100,000
Accruals Expenses / <i>Belanja terakru</i>	10,000
Tax payable / <i>Cukai belum bayar</i>	<u>130,000</u>
Total current liabilities / <i>Jumlah liabiliti semasa</i>	300,000
Bond, 5% / <i>Bond 5%</i>	500,000
Long Term Loan / <i>Pinjaman jangka panjang</i>	<u>200,000</u>
Total non-current liabilities / <i>Jumlah liabiliti bukan semasa</i>	700,000
Stockholders' equity / <i>Ekuiti pemegang saham</i>	
Common Stock / <i>Saham biasa</i>	600,000
Retained earnings / <i>Pendapatan tertahan</i>	<u>400,000</u>
Total stockholders' equity / <i>Jumlah ekuiti</i>	1,000,000
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY /	
<i>JUMLAH LIABILITI DAN EKUITI</i>	<u>2,000,000</u>

CLO1
C2

- a) Based on the preceding statements, complete the following table. (Assume 1 year = 360 days.)

Berdasarkan penyata sebelumnya, lengkapkan jadual berikut. (Andaian 1 tahun = 360 hari).

Ratio	Industry Average	Genie Jane Sdn. Bhd. company ratio
Current ratio / <i>Nisbah semasa</i>	2.2x	
Quick ratio / <i>Nisbah cepat</i>	1.0x	
Debt ratio / <i>Nisbah hutang</i>	52%	
Times interest earned ratio / <i>Nisbah liputan faedah</i>	5.0x	
Inventory turnover / <i>Pusingganti inventori</i>	8.0x	
Average collection period / <i>Tempoh kutipan purata</i>	25 days	
Gross profit margin / <i>Margin untung kasar</i>	12%	
Net profit margin / <i>Margin untung bersih</i>	5%	
Return on asset (ROA) / <i>Pulangan atas aset</i>	8%	
Return on equity (ROE) / <i>Pulangan atas equity</i>	10%	

[20 marks]

[20 markah]

CLO1
C4

- b) Analyze Genie Jane Sdn. Bhd. loan request based on liquidity ratio. Would the bank grant the loan? Explain.

Menganalisis permintaan pinjaman Genie Jane Sdn Bhd berdasarkan berdasarkan nisbah kecairan. Adakah bank akan memberi pinjaman? Terangkan.

[5 marks]

[5 markah]

SECTION B : 75 MARKS

BAHAGIAN B : 75 MARKAH

INSTRUCTION:

This section consists of **FOUR (4)** essay questions. Answer **THREE (3)** questions **ONLY**.

ARAHAN:

Bahagian ini mengandungi EMPAT (4) soalan esei. Jawab TIGA (3) soalan SAHAJA.

QUESTION 1

SOALAN 1

CLO1
C2

- a) The most preferable goal of the firm is maximization of shareholders wealth.

Elaborate **THREE (3)** reasons for choosing the goal.

Matlamat utama sesebuah firma adalah memaksimumkan kekayaan pemegang saham. Terangkan TIGA (3) sebab memilih matlamat tersebut.

[6 marks]

[6 markah]

CLO1
C2

- b) Discuss **THREE (3)** roles of the financial manager in an organization.

Bincangkan TIGA (3) peranan pengurus kewangan di dalam sesebuah organisasi.

[9 marks]

[9 markah]

CLO1
C2

- c) Explain these terms in the basic principles of financial management.

Terangkan terma-terma berikut di dalam prinsip asas pengurusan kewangan.

- i. The risk return trade-off / *Timbal balik risiko dan pulangan*
- ii. The time value of money / *Nilai kini wang*
- iii. The curse of competitive markets / *Sumpahan persaingan pasaran*
- iv. All risk is not equal / *Semua risiko tidak sama*
- v. Ethical behavior / *Gelagat beretika*

[10 marks]

[10 markah]

QUESTION 2

SOALAN 2

MARIMAR Corporation is currently producing cameras that require 400,000 units of raw material every year .The carrying cost is 20% from the purchase price of goods.Ordering cost is estimated at RM90.00 .Goods are purchased at RM2 per unit.The management team has decided to keep 10,000 units as safety stocks.Company supplier usually take 7 days to deliver the stock to the company.

MARIMAR Corporation mengeluarkan kamera yang memerlukan 400,000 units bahan mentah setiap tahun. Kos pembawaan dikenakan sebanyak 20% daripada harga belian tersebut. Kos tempahan di anggarkan sebanyak RM90.00 . Harga belian seunit adalah pada RM2. Pihak pengurusan telah mengambil keputusan untuk menyimpan stok sebanyak 10,000 unit sebagai keselamatan . Pembekal syarikat biasanya mengambil masa 7 hari untuk menghantar stok kepada syarikat.

CLO 1
C3

Assumed the company works 50 weeks in a year.Calculate:

Diandaikan syarikat bekerja selama 50 minggu setahun.kira:

- i. Economic Order Quantity (EOQ)

Kuantiti tempahan ekonomik

[4 marks]

[4 markah]

- ii. Number of order in a year

Bilangan pesanan dalam setahun

[4 marks]

[4 markah]

- iii. Inventory order point

Tingkat pesanan semula

[5 marks]

[5 markah]

iv. Average inventory

Purata inventori

[4 marks]

[4 markah]

CLO 1
C3

b) Calculate cost of effective credit for each of the terms below:

Kira kos efektif kredit untuk setiap terma di bawah :

i. 1/10 net 20

ii. 2/10 net 40

iii. 3/15 net 30

iv. 3/10 net 60

[8 marks]

[8 markah]

QUESTION 3

SOALAN 3

Eternal Construction is considering these 2 mutually exclusive projects which required an initial outlay of RM150,000. Below are the cash flows expected from each project? The cost of capital is 11%.

Eternal Construction sedang mempertimbangkan 2 projek saling eksklusif yang memerlukan perbelanjaan permulaan sebanyak RM150,000. Berikut adalah aliran tunai yang dijangkakan daripada setiap projek? Kos modal adalah 11%.

YEAR	EXCLUSIVE PROJECT	ELITE PROJECT
1	RM 41,000	RM40,000
2	RM42,000	RM40,000
3	RM43,000	RM40,000
4	RM44,000	RM40,000
5	RM45,000	RM40,000

CLO1
C2

a) For each project, calculate: / *Bagi setiap projek, kirakan:*

i. Net present value / *Nilai kini bersih*

[6 marks]

[6 markah]

ii. Profitability index / *Indeks keberuntungan*

[3 marks]

[3 markah]

iii. Internal rate of return / *Kadar pulangan dalaman*

[13 marks]

[13 markah]

CLO1
C3

b) Which project would bring profit to the company? Explain.

Projek manakah yang akan membawa keuntungan kepada syarikat? Jelaskan.

[3 marks]

[3 markah]

QUESTION 4

SOALAN 4

Below is the Income statement for Awana Sdn Bhd for the year ended 31 December 2016:

Di bawah merupakan Penyata Pendapatan Awana Sdn Bhd bagi Tahun Berakhir 31 December 2016.

	RM
Sales/ <i>Jualan</i>	20,000,000
Variable cost / <i>Kos berubah</i>	12,000,000
Earning before fixed cost / <i>Pendapatan sebelum kos tetap</i>	8,000,000
Fixed cost / <i>Kos tetap</i>	5,000,000
Earning Before Interest and Taxes (EBIT) / Pendapatan Sebelum Faedah dan Cukai	3,000,000
Interest / <i>Faedah</i>	1,000,000
Earning Before Taxes / <i>Pendapatan Sebelum Cukai</i>	2,000,000
Taxes (27%) / <i>Cukai (27%)</i>	540,000
Net Income / <i>Pendapatan Bersih</i>	1,460,000

Using the above data ,calculate:

Rujuk data di atas , kira :

CLO 1
C3

- a) Degree of Operating Leverage (DOL)

Darjah leveraj operasi

[3marks]

[3 markah]

CLO 1
C3

- b) Degree of Financial Leverage (DFL)

Darjah leveraj kewangan

[3 mark]

[3 markah]

- CLO 1
C3
- c) Degree of Combinatin Leverage (DCL)
Darjah gabungan leveraj
- [3 marks]
[3 markah]
- CLO 1
C3
- d) Breakeven point in RM
Titik pulang modal dalam RM
- [4 marks]
[4 markah]
- CLO 1
C4
- e) If the sales increased by 20 % what is the effect on Earning Before Interest and Taxes (EBIT) and Net Income ?
Jika jualan meningkat sebanyak 20% ,apakah kesan kepada Pendapatan Sebelum Faedah dan Cukai dan Pendapatan Bersih ?
- [4 marks]
[4 markah]
- CLO 1
C3
- f) Prepare and Income Statement to prove your answer in (e)
Sediakan Penyata Pendapatan untuk membuktikan jawapan pada (e)
- [8 marks]
[8 markah]

SOALAN TAMAT

Present Value and Future Value Tables

Table A-4 Present value interest factors for a One-Dollar Annuity Discounted at k percent for n periods: $PVIFA = [1 - 1/(1+k)^n] / k$

Period	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	11%	12%	13%	14%	15%	16%	17%	18%	19%	20%	24%	25%	30%
1	0.9901	0.9804	0.9709	0.9615	0.9524	0.9434	0.9346	0.9259	0.9174	0.9091	0.9009	0.8929	0.8850	0.8772	0.8696	0.8621	0.8547	0.8475	0.8403	0.8333	0.8065	0.8000	0.7692
2	1.9704	1.9416	1.9135	1.8861	1.8594	1.8334	1.8080	1.7833	1.7591	1.7355	1.7125	1.6901	1.6681	1.6467	1.6257	1.6052	1.5852	1.5656	1.5465	1.5278	1.4568	1.4400	1.3609
3	2.9410	2.8939	2.8286	2.7751	2.7232	2.6730	2.6243	2.5771	2.5313	2.4869	2.4437	2.4018	2.3612	2.3216	2.2832	2.2459	2.2096	2.1743	2.1399	2.1065	1.9813	1.9520	1.8161
4	3.9020	3.8077	3.7171	3.6299	3.5460	3.4651	3.3872	3.3121	3.2397	3.1699	3.1024	3.0373	2.9745	2.9137	2.8550	2.7982	2.7432	2.6901	2.6386	2.5887	2.4043	2.3616	2.1662
5	4.8534	4.7135	4.5797	4.4518	4.3295	4.2124	4.1002	3.9927	3.8897	3.7908	3.6959	3.6048	3.5172	3.4331	3.3522	3.2743	3.1993	3.1272	3.0576	2.9906	2.7454	2.6893	2.4356
6	5.7955	5.6014	5.4172	5.2421	5.0757	4.9173	4.7665	4.6229	4.4859	4.3553	4.2305	4.1114	3.9975	3.8887	3.7845	3.6847	3.5892	3.4976	3.4098	3.3255	3.0205	2.9514	2.6427
7	6.7282	6.4720	6.2303	6.0021	5.7864	5.5824	5.3893	5.2064	5.0330	4.8684	4.7122	4.5638	4.4226	4.2883	4.1604	4.0366	3.9224	3.8115	3.7057	3.6046	3.2423	3.1611	2.8021
8	7.6517	7.3255	7.0197	6.7327	6.4632	6.2098	5.9713	5.7466	5.5348	5.3349	5.1461	4.9676	4.7988	4.6389	4.4873	4.3436	4.2072	4.0776	3.9544	3.8372	3.4212	3.3289	2.9247
9	8.5660	8.1622	7.7861	7.4353	7.1078	6.8017	6.5152	6.2469	5.9952	5.7590	5.5370	5.3282	5.1317	4.9464	4.7716	4.6065	4.4506	4.3030	4.1633	4.0310	3.5655	3.4631	3.0190
10	9.4713	8.9826	8.5302	8.1109	7.7217	7.3601	7.0236	6.7101	6.4177	6.1446	5.8892	5.6502	5.4262	5.2161	5.0188	4.8332	4.6586	4.4941	4.3389	4.1925	3.6819	3.5705	3.0915
11	10.3676	9.7868	9.2526	8.7605	8.3064	7.8869	7.4987	7.1390	6.8052	6.4951	6.2065	5.9377	5.6869	5.4527	5.2337	5.0286	4.8364	4.6560	4.4865	4.3271	3.7757	3.6564	3.1473
12	11.2551	10.5753	9.9540	9.3851	8.8633	8.3838	7.9427	7.5361	7.1607	6.8137	6.4924	6.1944	5.9176	5.6603	5.4206	5.1971	4.9884	4.7932	4.6105	4.4392	3.8514	3.7251	3.1903
13	12.1337	11.3484	10.6350	9.9856	9.3936	8.8527	8.3577	7.9038	7.4869	7.1034	6.7499	6.4235	6.1218	5.8424	5.5831	5.3423	5.1183	4.9095	4.7147	4.5327	3.9124	3.7801	3.2233
14	13.0037	12.1062	11.2961	10.5631	9.8986	9.2950	8.7455	8.2442	7.7862	7.3667	6.9819	6.6282	6.3025	6.0021	5.7245	5.4675	5.2293	5.0081	4.8023	4.6106	3.9616	3.8241	3.2487
15	13.8651	12.8493	11.9379	11.1184	10.3797	9.7122	9.1079	8.5595	8.0607	7.6061	7.1909	6.8109	6.4624	6.1422	5.8474	5.5755	5.3242	5.0916	4.8759	4.6755	4.0013	3.8593	3.2682
16	14.7179	13.5777	12.5611	11.6523	10.8378	10.1059	9.4466	8.8514	8.3126	7.8237	7.3792	6.9740	6.6039	6.2651	5.9542	5.6685	5.4053	5.1624	4.9377	4.7296	4.0333	3.8874	3.2832
17	15.5623	14.2919	13.1661	12.1657	11.2741	10.4773	9.7632	9.1216	8.5436	8.0216	7.5488	7.1196	6.7291	6.3729	6.0472	5.7487	5.4746	5.2223	4.9897	4.7746	4.0591	3.9099	3.2948
18	16.3983	14.9920	13.7535	12.6593	11.6896	10.8276	10.0591	9.3719	8.7556	8.2014	7.7016	7.2497	6.8399	6.4674	6.1280	5.8178	5.5339	5.2732	5.0333	4.8122	4.0799	3.9279	3.3037
19	17.2260	15.6785	14.3238	13.1339	12.0853	11.1591	10.3356	9.6036	8.9501	8.3649	7.8393	7.3658	6.9380	6.5504	6.1982	5.8775	5.5845	5.3162	5.0700	4.8435	4.0967	3.9424	3.3105
20	18.0456	16.3514	14.8775	13.5903	12.4622	11.4699	10.5940	9.8181	9.1285	8.5136	7.9633	7.4694	7.0248	6.6231	6.2593	5.9288	5.6278	5.3527	5.1009	4.8696	4.1103	3.9539	3.3158
21	18.8570	17.0112	15.4150	14.0292	12.8212	11.7641	10.8355	10.0168	9.2922	8.6487	8.0751	7.5620	7.1016	6.6870	6.3125	5.9731	5.6648	5.3837	5.1268	4.8913	4.1212	3.9631	3.3198
22	19.6604	17.6580	15.9369	14.4511	13.1630	12.0416	11.0612	10.2007	9.4424	8.7715	8.1757	7.6446	7.1895	6.7429	6.3587	6.0113	5.6964	5.4099	5.1486	4.9094	4.1300	3.9705	3.3230
23	20.4558	18.2922	16.4436	14.8568	13.4886	12.3034	11.2722	10.3711	9.5802	8.8832	8.2664	7.7184	7.2297	6.7921	6.3988	6.0442	5.7234	5.4321	5.1668	4.9245	4.1371	3.9764	3.3254
24	21.2434	18.9139	16.9355	15.2470	13.7986	12.5504	11.4693	10.5288	9.7066	8.9847	8.3481	7.7843	7.2829	6.8351	6.4338	6.0726	5.7465	5.4509	5.1822	4.9371	4.1428	3.9811	3.3272
25	22.0232	19.5235	17.4131	15.6221	14.0939	12.7834	11.6536	10.6748	9.8226	9.0770	8.4217	7.8431	7.3300	6.8729	6.4641	6.0971	5.7662	5.4669	5.1951	4.9476	4.1474	3.9849	3.3286
30	25.8077	22.3965	19.6004	17.2920	15.3725	13.7648	12.4090	11.2578	10.2737	9.4269	8.6938	8.0552	7.4957	7.0027	6.5660	6.1772	5.8294	5.5168	5.2347	4.9789	4.1601	3.9950	3.3321
35	29.4096	24.9986	21.4872	18.6646	16.3742	14.4982	12.9477	11.6546	10.5668	9.6442	8.8552	8.1755	7.5856	7.0700	6.6166	6.2153	5.8582	5.5386	5.2512	4.9915	4.1644	3.9984	3.3330
36	30.1075	25.4888	21.8323	18.9083	16.5469	14.6210	13.0352	11.7172	10.6118	9.6765	8.8786	8.1924	7.5979	7.0790	6.6231	6.2201	5.8617	5.5412	5.2531	4.9929	4.1649	3.9987	3.3331
40	32.8347	27.3555	23.1148	19.7928	17.1591	15.0463	13.3317	11.9246	10.7574	9.7791	8.9511	8.2438	7.6344	7.1050	6.6418	6.2335	5.8713	5.5482	5.2582	4.9966	4.1659	3.9995	3.3332
50	39.1961	31.4236	25.7298	21.4822	18.2559	15.7619	13.8007	12.2335	10.9617	9.9148	9.0417	8.3045	7.6752	7.1327	6.6605	6.2463	5.8801	5.5541	5.2623	4.9995	4.1666	3.9999	3.3333

Present Value and Future Value Tables

Table A-3 Present value interest factors One-Dollar Discounted at k percent for n periods: $PVIF_{k,n} = 1/(1+k)^n$

Period	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%	11%	12%	13%	14%	15%	16%	17%	18%	19%	20%	24%	25%	30%
1	0.9901	0.9804	0.9709	0.9615	0.9524	0.9434	0.9346	0.9259	0.9174	0.9091	0.9009	0.8929	0.8850	0.8772	0.8696	0.8621	0.8547	0.8475	0.8403	0.8333	0.8065	0.8000	0.7692
2	0.9803	0.9612	0.9426	0.9246	0.9070	0.8900	0.8734	0.8573	0.8417	0.8264	0.8116	0.7972	0.7831	0.7695	0.7561	0.7432	0.7305	0.7182	0.7062	0.6944	0.6504	0.6400	0.5917
3	0.9706	0.9423	0.9151	0.8890	0.8638	0.8386	0.8163	0.7938	0.7722	0.7513	0.7312	0.7118	0.6931	0.6750	0.6575	0.6407	0.6244	0.6086	0.5934	0.5787	0.5245	0.5120	0.4552
4	0.9610	0.9238	0.8885	0.8548	0.8227	0.7921	0.7629	0.7350	0.7084	0.6830	0.6587	0.6355	0.6133	0.5921	0.5718	0.5523	0.5337	0.5158	0.4987	0.4823	0.4230	0.4096	0.3501
5	0.9515	0.9057	0.8626	0.8219	0.7835	0.7473	0.7130	0.6806	0.6499	0.6209	0.5935	0.5674	0.5428	0.5194	0.4972	0.4761	0.4561	0.4371	0.4190	0.4019	0.3411	0.3277	0.2693
6	0.9420	0.8880	0.8375	0.7903	0.7462	0.7050	0.6663	0.6302	0.5963	0.5645	0.5346	0.5066	0.4803	0.4556	0.4323	0.4104	0.3898	0.3704	0.3521	0.3349	0.2751	0.2621	0.2072
7	0.9327	0.8706	0.8131	0.7599	0.7107	0.6651	0.6227	0.5835	0.5470	0.5132	0.4817	0.4523	0.4251	0.3996	0.3759	0.3538	0.3332	0.3139	0.2959	0.2791	0.2218	0.2097	0.1594
8	0.9235	0.8535	0.7894	0.7307	0.6768	0.6274	0.5820	0.5403	0.5019	0.4665	0.4339	0.4039	0.3762	0.3506	0.3269	0.3050	0.2848	0.2660	0.2487	0.2326	0.1789	0.1678	0.1226
9	0.9143	0.8368	0.7664	0.7026	0.6446	0.5919	0.5439	0.5002	0.4604	0.4241	0.3909	0.3606	0.3329	0.3075	0.2843	0.2630	0.2434	0.2255	0.2090	0.1938	0.1443	0.1342	0.0943
10	0.9053	0.8203	0.7441	0.6756	0.6139	0.5584	0.5083	0.4632	0.4224	0.3855	0.3522	0.3220	0.2946	0.2697	0.2472	0.2267	0.2080	0.1911	0.1756	0.1615	0.1164	0.1074	0.0725
11	0.8963	0.8043	0.7224	0.6496	0.5847	0.5268	0.4751	0.4289	0.3875	0.3505	0.3173	0.2875	0.2607	0.2366	0.2149	0.1954	0.1778	0.1619	0.1476	0.1346	0.0938	0.0859	0.0556
12	0.8874	0.7885	0.7014	0.6246	0.5568	0.4970	0.4440	0.3971	0.3555	0.3186	0.2858	0.2567	0.2307	0.2076	0.1869	0.1686	0.1520	0.1372	0.1240	0.1122	0.0757	0.0667	0.0429
13	0.8787	0.7730	0.6810	0.6006	0.5303	0.4688	0.4150	0.3677	0.3262	0.2897	0.2575	0.2292	0.2042	0.1821	0.1625	0.1452	0.1299	0.1163	0.1042	0.0935	0.0610	0.0550	0.0330
14	0.8700	0.7579	0.6611	0.5775	0.5051	0.4423	0.3878	0.3405	0.2992	0.2633	0.2320	0.2046	0.1807	0.1597	0.1413	0.1252	0.1110	0.0985	0.0876	0.0779	0.0492	0.0440	0.0254
15	0.8613	0.7430	0.6419	0.5553	0.4810	0.4173	0.3624	0.3152	0.2745	0.2394	0.2090	0.1827	0.1599	0.1401	0.1229	0.1079	0.0949	0.0835	0.0736	0.0649	0.0397	0.0352	0.0195
16	0.8528	0.7284	0.6232	0.5339	0.4581	0.3936	0.3387	0.2919	0.2519	0.2176	0.1883	0.1631	0.1415	0.1229	0.1069	0.0930	0.0811	0.0708	0.0618	0.0541	0.0320	0.0281	0.0150
17	0.8444	0.7142	0.6050	0.5134	0.4363	0.3714	0.3166	0.2703	0.2311	0.1978	0.1696	0.1456	0.1252	0.1078	0.0929	0.0802	0.0693	0.0600	0.0520	0.0451	0.0258	0.0225	0.0116
18	0.8360	0.7002	0.5874	0.4936	0.4155	0.3503	0.2959	0.2502	0.2120	0.1799	0.1528	0.1300	0.1108	0.0946	0.0808	0.0691	0.0592	0.0508	0.0437	0.0376	0.0208	0.0180	0.0089
19	0.8277	0.6864	0.5703	0.4746	0.3957	0.3305	0.2765	0.2317	0.1945	0.1635	0.1377	0.1161	0.0981	0.0829	0.0703	0.0596	0.0506	0.0431	0.0367	0.0313	0.0168	0.0144	0.0068
20	0.8195	0.6730	0.5537	0.4564	0.3769	0.3118	0.2584	0.2145	0.1784	0.1486	0.1240	0.1037	0.0868	0.0728	0.0611	0.0514	0.0433	0.0365	0.0308	0.0261	0.0135	0.0115	0.0053
21	0.8114	0.6598	0.5375	0.4388	0.3589	0.2942	0.2415	0.1987	0.1637	0.1351	0.1117	0.0926	0.0768	0.0638	0.0531	0.0443	0.0370	0.0309	0.0259	0.0217	0.0109	0.0092	0.0040
22	0.8034	0.6468	0.5219	0.4220	0.3418	0.2775	0.2257	0.1839	0.1502	0.1228	0.1007	0.0826	0.0680	0.0560	0.0462	0.0382	0.0316	0.0262	0.0218	0.0181	0.0088	0.0074	0.0031
23	0.7954	0.6342	0.5067	0.4057	0.3256	0.2618	0.2109	0.1703	0.1378	0.1117	0.0907	0.0738	0.0601	0.0491	0.0402	0.0329	0.0270	0.0222	0.0183	0.0151	0.0071	0.0059	0.0024
24	0.7876	0.6217	0.4919	0.3901	0.3101	0.2470	0.1971	0.1577	0.1264	0.1015	0.0817	0.0669	0.0532	0.0431	0.0349	0.0284	0.0231	0.0188	0.0154	0.0126	0.0057	0.0047	0.0018
25	0.7798	0.6095	0.4776	0.3751	0.2953	0.2330	0.1842	0.1460	0.1160	0.0923	0.0736	0.0588	0.0471	0.0378	0.0304	0.0245	0.0197	0.0160	0.0129	0.0105	0.0046	0.0038	0.0014
30	0.7419	0.5521	0.4120	0.3083	0.2314	0.1741	0.1314	0.0994	0.0754	0.0573	0.0437	0.0334	0.0256	0.0196	0.0151	0.0116	0.0090	0.0070	0.0054	0.0042	0.0016	0.0012	*
35	0.7059	0.5000	0.3554	0.2534	0.1813	0.1301	0.0937	0.0676	0.0490	0.0356	0.0259	0.0189	0.0139	0.0102	0.0075	0.0055	0.0041	0.0030	0.0023	0.0017	0.0005	*	*
36	0.6989	0.4902	0.3450	0.2437	0.1727	0.1227	0.0875	0.0626	0.0449	0.0323	0.0234	0.0169	0.0123	0.0089	0.0065	0.0048	0.0035	0.0026	0.0019	0.0014	*	*	*
40	0.6717	0.4529	0.3066	0.2083	0.1420	0.0972	0.0668	0.0460	0.0318	0.0221	0.0154	0.0107	0.0075	0.0053	0.0037	0.0026	0.0019	0.0013	0.0010	0.0007	*	*	*
50	0.6080	0.3715	0.2281	0.1407	0.0872	0.0543	0.0339	0.0213	0.0134	0.0085	0.0054	0.0035	0.0022	0.0014	0.0009	0.0006	0.0004	0.0003	0.0002	*	*	*	*