SULIT

POLITEKNIK MALAYSIA

BAHAGIAN PEPERIKSAAN DAN PENILAIAN
JABATAN PENDIDIKAN POLITEKNIK
KEMENTERIAN PENDIDIKAN TINGGI

JABATAN PERDAGANGAN

PEPERIKSAAN AKHIR

SESI JUN 2017

DPB5043 : BUSINESS FINANCE

TARIKH : 29 OKTOBER 2017
MASA : 2.30 PETANG - 4.30 PETANG (2 JAM)

Kertas ini mengandungi **DUA BELAS (12)** halaman bercetak.
Struktur (4 soalan)

Dokumen sokongan yang disertakan : Jadual PVIF & PVIFA

JANGAN BUKA KERTAS SOALAN INI SEHINGGA DIARAHKAN

(CLO yang tertera hanya sebagai rujukan)

INSTRUCTION:
This section consists of **FOUR (4)** structured questions. Answer **ALL** questions.

ARAHAN:
*Bahagian ini mengandungi **EMPAT (4)** soalan berstruktur. Jawab **SEMUA** soalan.*

QUESTION 1
SOALAN 1

CLO1
C1

(a) (i) List **THREE (3)** disadvantages for the objective of profit maximization.
*Senaraikan **TIGA (3)** kekurangan untuk objektif keuntungan maksimum.*

[3 marks]
[*3 markah*]

(ii) State **TWO (2)** roles of Financial Manager in a large company.
*Nyatakan **DUA (2)** peranan Pengurus Kewangan di dalam sesebuah syarikat besar.*

[2 marks]
[*2 markah*]

CLO1
C2

(b) KAWE Bhd needs to increase its working capital by RM8, 000,000. Two financing alternatives are available:

KAWE Bhd ingin meningkatkan modal kerjanya sebanyak RM8, 000,000. Dua alternatif yang berikut disediakan:

i. Borrow from a bank at 12% interest. The company must maintain a 5% compensating balance.
Pinjam dari sebuah bank pada kadar faedah 12%. Syarikat mesti mengekalkan baki pampasan sebanyak 5%.

ii. Issue of commercial paper. Interest charged is 7% and a fee of 3% is payable to the dealer.
Mengeluarkan kertas perdagangan. Faedah yang dikenakan adalah 7% dan yuran sebanyak 3% akan dibayar kepada pengedar.

Calculate the effective annual cost of each source of fund and choose the best.

Kirakan kos efektif tahunan bagi setiap sumber dana dan pilih yang terbaik.

[10 marks]

[10 markah]

CLO1
C3

(c) An income statement for CENDOLTAPE Sdn Bhd is shown as below.

Penyata Pendapatan bagi CENDOLTAPE Sdn Bhd adalah seperti di bawah:

Income Statement for the year ended 31 December 2015

Penyata Pendapatan bagi tahun berakhir pada 31 Disember 2015

	RM
Sales/ *Jualan*	30,000,000
Variable cost/ K*os berubah*	16,000,000
Revenue before fixed cost/*Hasil sebelum kos tetap*	14,000,000
Fixed cost/ *Kos tetap*	7,000,000
EBIT/*PSFC*	7,000,000
Interest expense/ *Perbelanjaan faedah*	1,000,000
Earnings before taxes/ *Perolehan sebelum cukai*	6,000,000
Taxes/ *Cukai*	1,620,000
Net income/ *Pendapatan bersih*	4,380,000

i) Degree of Operating Leverage (DOL)
Darjah Keumpilan Operasi

[3 marks]

[3 markah]

ii) Degree of Financial Leverage (DFL)
Darjah Keumpilan Kewangan

[3 marks]

[3 markah]

iii) Degree of Combination Leverage (DCL). If the industrial degree of combined leverage is 2.5 times, illustrate your comment on the CENDOLTAPE Sdn. Bhd.'s degree of combination leverage.

Darjah Leveraj Gabungan. Jika darjah leveraj gabungan yang dicatatkan oleh industri berkenaan secara keseluruhan adalah sebanyak 2.5 kali, gambarkan ulasan anda terhadap darjah leveraj gabungan bagi CENDOLTAPE Sdn Bhd.

[4 marks]
[4 markah]

QUESTION 2
SOALAN 2

(a) You are a financial manager of ROYAK Sdn. Bhd. The director of capital budgeting asked you to analyze two proposed capital investments, projects X (PRO X) and Y (PRO Y). The relevant information for each project is stated as below:

Anda adalah seorang pengurus kewangan bagi ROYAK Sdn. Bhd.. Pengarah dari belanjawan modal meminta anda untuk menganalisa dua cadangan pelaburan modal, projek X (PRO X) dan Y (PRO Y). Maklumat berkaitan bagi setiap projek ada tercatat seperti di bawah:

- Each project has a cost of RM26,000
  Setiap projek mempunyai kos sebanyak RM26,000
- The cost of capital for each project is 12%
  Kos atas modal bagi setiap projek adalah 12%
- The projects' expected net cash flows are as follows:
  Anggaran bersih aliran tunai bagi projek adalah seperti berikut:

Year/*Tahun*	PRO X (RM)	PRO Y (RM)
1	6,500	6,582
2	6,000	7,219
3	5,000	6,991
4	21,000	23,938

You are required to calculate :
Anda dikehendaki untuk mengira:

CLO1 C2

(i) payback period for both projects.
tempoh bayaran balik untuk kedua-dua projek.

[2 marks]
[*2 markah*]

(ii) internal rate of return for both projects.
kadar pulangan dalaman untuk kedua-dua projek.

[8 marks]
[*8 markah*]

CLO1 C3

(b) Choose the best project and state **TWO (2)** reasons.
*Pilih projek yang terbaik dan nyatakan **DUA (2)** alasan.*

[5 marks]
[*5 markah*]

CLO1
C2

(c) Based on the above projects as well as the further information below,
Berdasarkan kedua-dua projek di atas berserta dengan maklumat lanjut diberikan seperti di bawah,

Economic Conditions ***Keadaan Ekonomi***	**Probabilities** ***Kebarangkalian***	**Expected Return** ***Anggaran Pulangan*** **(RM)**	
		PRO X	***PRO Y***
Growth ***Berkembang***	0.4	6,500	6,582
Boom ***Melambung***	0.2	6,000	7,219
Decline ***Menurun***	0.3	5,000	6,991
Depression ***Meleset***	0.1	21,000	23,938

You are required to calculate:
Anda dikehendaki untuk mengira:

(i) expected rate of return for both projects.
kadar pulangan jangkaan untuk kedua-dua projek.

[4 marks]
[*4 markah*]

(ii) standard deviation for both projects.
sisihan piawai untuk kedua-dua projek.

[6 marks]
[*6 markah*]

QUESTION 3

SOALAN 3

CLO2 C1

(a) (i) State **TWO (2)** types of financial statements.

*Nyatakan **DUA (2)** jenis penyata kewangan.*

[2 marks]

[2 markah]

(ii) List **THREE (3)** purposes of computing financial ratio.

*Senaraikan **TIGA (3)** tujuan mengira nisbah kewangan.*

[3 marks]

[3 markah]

CLO2 C3

(b) The data below represents two finance companies in Malaysia known as DaeHan and MinGook. The table below shows the Income Statement and Statement of Financial Positions for the two companies.

Data di bawah mewakili dua syarikat kewangan di Malaysia yang dikenali dengan nama DaeHan dan MinGook. Jadual di bawah menunjukkan ringkasan Penyata Pendapatan dan Kunci Kira-kira untuk kedua-dua syarikat tersebut.

	DaeHan	**MinGook**
Sales *Jualan*	RM 2,500,000	**(iv)**
Net Income *Pendapatan bersih*	RM 50,000	RM 60,000
Total Assets *Jumlah Aset*	RM 250,000	**(v)**
Total Assets Turnover *Pusinganganti Jumlah Aset*	**(i)**	**(vi)**
Net Profit Margin *Margin Untung Bersih*	**(ii)**	6.5%
Return on Assets *Pulangan Atas Aset*	**(iii)**	2.5%

Complete the data for those three companies by filling in the blanks for **(i)**, **(ii)**, **(iii)**, **(iv)**, **(v)** and **(vi)** with appropriate values.

*Lengkapkan maklumat untuk ketiga-tiga syarikat tersebut dengan mengisi tempat kosong bagi **(i)**, **(ii)**, **(iii)**, **(iv)**, **(v)** dan **(vi)** dengan nilai yang sesuai.*

[15 marks]
[15 markah]

CLO2 C4 (c) From the data in (b), which company has the **BEST** financial performance? Provide **TWO (2)** reasons for your answer.

*Daripada maklumat yang terdapat di (b), syarikat manakah yang mempunyai prestasi kewangan yang **TERBAIK**? Berikan **DUA (2)** sebab untuk jawapan anda.*

[5 marks]
[5 markah]

QUESTION 4
SOALAN 4

CLO2 C1 (a) Count the effective cost for the following trade credit terms:-
Kira kos efektif kredit untuk setiap terma kredit dagangan di bawah:-

i. 3/10 net 30
3/10 bersih 30

[2.5 marks]
[2.5 markah]

ii. 4/15 net 60
4/14 bersih 60

[2.5 marks]
[2.5 markah]

CLO2 C2

(b) GuGuDan Corporation has an annual credit sale of RM 16 million and average collection period of 40 days. The level of bad debt is RM 480,000 and the required rate of return before tax is 16 percent. Assumed that GuGuDan Corporation only produces one product, it has a variable cost of 70% of the cost price. The company is considering a change in credit policy where customers will get 1% discount if payment is made within 20 days. However, if the customers are unable to pay within 20 days, they would not get any discount and have to pay the full amount within 60 days.

If the change is implemented, it is expected that 40% of customers will take the discount and pay on Day 20, while 60% will ignore the discount and pay on day 60. This will increase the average collection period from 40 days to 44 days. GuGuDan Corporation is considering making changes because it is expected to generate an additional sales credit of RM 2 million. Besides that, the increment in sales will also influence the increment in bad debts. It is assumed that bad debt on the original sale is consistent and bad debt for additional sales is 6%. In addition, the average inventory level is RM 2 million currently. After the implementation of the plan, GuGuDan Corporation will have the average inventory level at RM 2,050,000.

Using marginal analysis, calculate whether the proposed credit policy changes should be implemented or otherwise.

GuGuDan Corporations mempunyai jualan kredit tahunan sebanyak RM 16 juta dan tempoh kutipan purata adalah 40 hari. Tahap hutang lapuk adalah sebanyak RM 480,000 dan kadar pulangan sebelum cukai adalah sebanyak 16 peratus. Dengan menganggap GuGuDan Corporation hanya mengeluarkan satu produk, ia mempunyai kos berubah sebanyak 70% daripada harga kos. Syarikat tersebut sedang mempertimbangkan untuk mengubah polisi kredit mereka dengan memberikan 1% diskaun jika pembayaran dibuat dalam tempoh 20 hari. Walaubagaimanapun, jika pelanggan gagal membuat pembayaran dalam tempoh 20 hari, pelanggan tersebut tidak akan mendapat sebarang diskaun malah mereka perlu mambayar hutang secara penuh dalam tempoh 60 hari.

Jika perubahan polisi kredit ini dilaksanakan, syarikat menjangkakan sebanyak 40% pelanggan akan mengambil diskaun tersebut dan membayar pada hari ke-20, manakala 60% pelanggan akan mengabaikan diskaun tersebut dan membayar pada hari ke-60. Ini akan memberi kesan kepada peningkatan tempoh kutipan purata daripada 40 hari ke 44 hari. GuGuDan Corporation mempertimbangkan untuk membuat perubahan kerana syarikat menjangkakan perubahan polisi kredit tersebut dapat menjana tambahan jualan kredit sebanyak RM 2 juta. Disamping itu, peningkatan di dalam jualan akan menyebabkan kenaikan di dalam hutang lapuk. Dengan menganggap bahawa hutang lapuk untuk jualan asal adalah konsisten, maka hutang lapuk bagi tambahan jualan adalah 6%. Tambahan pula, pada ketika ini, tahap purata inventori adalah RM 2 juta. Selepas pelaksanaan perubahan polisi kredit, GuGuDan Corporation akan mempunyai tahap purata inventori sebanyak RM 2,050,000.

Dengan menggunakan analisis marginal, kira sama ada perubahan polisi kredit tersebut boleh dilaksanakan atau sebaliknya.

[15 marks]
[15 markah]

Calculate:-
Kira:-

i. Economic Order Quantity
Kuantiti Pesanan Ekonomi

[2.5 marks]
[2.5 markah]

ii. Reorder point
Titik Pesanan Semula

[2.5 marks]
[2.5 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	2.8839	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	4.0386	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	11.1581	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	7.1695	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	29.4086	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: $PVIF_{kn} = 1/(1+k)^n$

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	0.8396	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	0.0558
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	0.1685	0.1520	0.1372	0.1240	0.1122	0.0757	0.0687	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	0.0659	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				