



UNIVERSITY
OF
JOHANNESBURG

Department of Finance and Investment Management

Estate Planning

FPL02x7

FINAL ASSESSMENT OPPORTUNITY

28 November 2016

Time: 3 hours

Marks: 100

Assessor: Ms M Lotter

External moderator: Ms J Palfarman

Internal moderator: Ms S Naidu

INSTRUCTIONS:

- This paper consists of **12** pages.
- Answer ALL questions in the **answer book** provided.
- Silent, non-programmable calculators may be used, unless otherwise instructed.
- Where applicable, show all calculations clearly.
- Answers with Tippex and in pencil will **not** be marked.
- Scratch out all open spaces and empty pages.
- Good luck!

Question	Topic	Marks	Time
1	Multiple choice questions – various topics	23	41 minutes
2	Evaluate the statement – various topics	11	20 minutes
3	Law of succession	7	12 minutes
4	Trusts	15	27 minutes
5	Trusts	4	7 minutes
6	Estate duty	27	49 minutes
7	Law of succession	6	12 minutes
8	Estate planning	7	12 minutes
		100	180 minutes

QUESTION 1

[23 marks]

- 1.1 Donald was in a serious car accident and lost the use of both his hands. He would like to execute a valid will and asked his father to draft the will for him and sign it on his behalf. A Commissioner of Oaths and two competent witnesses were present at the signing and Donald acknowledged that it was his will in their presence. Donald died a few days later from complications stemming from the accident. The Commissioner of Oaths issued a certificate shortly thereafter. Indicate the incorrect statement. **(2)**
- A. Donald's will is valid as it complies with all the requirements for a valid will.
 - B. Donald's will is invalid as the commissioner issued the certificate after his death.
 - C. Donald's will is valid and his father as the only heir will inherit the entire estate.
 - D. None of the above.
- 1.2 James and Liani have been together for 10 years. Liani was previously married to Conrad and inherited his entire estate at his death subject to the condition that she does not remarry. James and Liani have a substantial estate that supports both her and James' standard of living. James and Liani decided not to get married in order to keep Liani's inheritance. Indicate the correct answer. **(2)**
- A. In the event of Liani's death, James will not be able to inherit intestate, but he can submit a claim for the maintenance of surviving spouses.
 - B. In the event that Liani and James decide to get married, Liani will still keep her inheritance as the condition in Conrad's will is not enforceable.
 - C. Should Liani donate assets to James during her lifetime, the donation will not be exempt from donations tax as they are not married.
 - D. All of the above.
 - E. None of the above.
- 1.3 Robert has been single for much of his life and only married for the first time at the age of 55. He and Rene decided to get married in community of property and executed a valid will where the first dying spouse bequeath the entire estate to the surviving spouse. Robert and Rene do not have a big estate, however Robert informed Rene that he has two life policies with substantial life cover payable at his death. After Robert's death, the insurance company informed Rene that Robert had nominated his brother as the beneficiary on both policies years before they got married. Indicate the correct statement. **(2)**
- A. When Rene and Robert got married, the marriage in community of property revoked the nomination of beneficiary and therefore Rene is entitled to the proceeds.
 - B. The fact that Rene and Robert got married in community of property gives Rene the right to half of the proceeds and Robert's brother is entitled to the other half.
 - C. The execution of a valid will where Robert bequeathed his entire estate to Rene constituted a revocation of the beneficiary nomination and Rene is entitled to the full proceeds.
 - D. Rene is not entitled to any of the proceeds. Robert's brother will benefit from the proceeds upon acceptance.

- 1.4 John passed away suddenly and the executor calculated a liquidity shortfall in his estate. In consultation with the beneficiaries the executor sold some of the assets. John had the following assets in his estate:

Asset	Market value	Sold for	Base cost	Note
Blue Light (Pty) Ltd	R2 300 000	R2 600 000	R490 000	1
BMW x5	R980 000	R930 000	R730 000	
Shares listed on the JSE	R549 865		R342 976	2
Holiday house Ballito	R2 176 000	R1 700 000	R1 980 000	3
Yacht 12 m long	R430 000	R370 000	R390 000	4
Primary residence	R4 300 000		R2 800 000	5

Notes:

1. John and his brother bought the business 10 years ago, they each had 50% shareholding therein. John and his brother signed a buy and sell agreement and funded it with life insurance. The insured amount was R2 600 000 and according to the agreement the purchase price is the higher of the insured amount and market value.
2. John bequeathed the shares to his daughter.
3. John bought the holiday house at the end of 2014. The property market shows an overflow in supply and the executor struggled to sell the property. The property was sold at a discount in order to finalise the administrative process.
4. John bought the yacht at the same time that he bought the holiday house. Once again the executor struggled to find a seller at the right price.
5. John bequeathed the house to his surviving spouse.
6. John did not have any policies on his name except for the R2 600 000 policy in terms of the buy and sell agreement.
7. John and his wife were married out of community of property. She had an accrual claim of R870 000 against the deceased estate.
8. In terms of John's will, he bequeathed the shares to his daughter, the primary residence to his surviving spouse and the residue to the family trust.

Indicate the incorrect statement:

(3)

- A. The property (excluding deemed property) included in John's estate amounts to R10 149 865.
- B. The deemed property (excluding property) included in John's estate amounts to R3 470 000.
- C. The section 4q deduction is R4 300 000.
- D. None of the above.

- 1.5 Indicate the correct statement:

(2)

- A. If the testator and the surviving spouse mass their estates, the surviving spouse may be liable for donations tax if the surviving spouse gives more to the deceased estate than what she inherits.
- B. Massing is available to any two persons who would like to mass their estates at the death of the first dying person.
- C. The will of the testator makes provision for massing between the testator and his surviving spouse. Massing can only take place upon adiation by the surviving spouse.
- D. Transfer duty is payable where the two spouses mass their separate estates which include an immovable property that accrues to a third party.
- E. All of the above.

- 1.6 Zoe died without a valid will with a net estate available for distribution of R1 000 000. Her parents, Emma and Gavin, are predeceased. Zoe is survived by two half-brothers, Will and Thomas on her father Gavin's side. And two siblings, Jay and May born from the marriage between her parents. Indicate the correct statement: **(2)**
- A. Will will inherit R250 000.
 - B. May will inherit R375 000.
 - C. Thomas will not inherit anything.
 - D. None of the above.
- 1.7 Jane is a 60% shareholder of the company that took out a key-man policy on her life. The policy proceeds were R1 000 000. The shares were worth R2 200 000 just before Jane died and her executor sold her shares for R2 400 000 four months after her death. The dutiable estate was R2 200 000. Indicate the correct answer: **(2 + 1 bonus mark)**
- A. The shares are included as property at R2 800 000 for estate duty purposes.
 - B. A deduction of R600 000 in terms of section 4p is available for estate duty purposes.
 - C. The executor can recover estate duty of R77 193 from the company.
 - D. None of the above
 - E. All of the above.
- 1.8 Donald has a substantial estate and will pay an enormous amount in estate duty in the event of his death. His financial advisor recommended he creates a trust and transfer his growth assets to the trust to freeze his estate. Donald will create a loan account payable by the trust to transfer the assets. Indicate the correct statement. **(2)**
- A. Donald should not be the founder of the trust as this fact alone could put him in a position where section 3(3)(d) of the Estate Duty Act can be applied because he has control over the trust.
 - B. Donald cannot be the founder, one of the three trustees and one of the beneficiaries as this fact alone could put him in a position where section 3(3)(d) of the Estate Duty Act can be applied.
 - C. Donald should not be the only trustee if the trust deed empowers the trustees to amend the trust deed by unanimous decision as this fact alone could put him in a position where section 3(3)(d) of the Estate Duty Act can be applied.
 - D. Section 3(3)(d) of the Estate Duty Act can only be applied if Donald actually dispose of trust property for his own benefit.
- 1.9 Mtabisi is married to three women in terms of customary law. Seven children are born from the marriage with his spouses and two children born from the union that he entered with another woman to provide children for one of his spouse's house. Three of these children are predeceased and only one was survived by dependants. He also has two children with his fiancé that he intends to marry at the end of the year. Mtabisi also accepted one of his spouse's children from a previous marriage as his own. Mtabisi died and did not execute a valid will before his death. His estate available for distribution is R3 800 000. Indicate the amount that each spouse will inherit. **(2)**
- A. R250 000
 - B. R125 000
 - C. R271 429
 - D. R253 333

- 1.10 Indicate which statement is not an essential requirement for creating a trust: **(2)**
- A. There must be a serious intention to create a trust.
 - B. Such intentions must be expressed in a manner which is legally valid.
 - C. The trust object must be clear and lawful.
 - D. The trust property must have been determined or be capable of determination.
 - E. None of the above
- 1.11 The following provision was included in Sarah's will: "I bequeath my wedding ring to my daughter and upon her death it should go to her daughter." Indicate what type of bequest is it: **(2)**
- A. Suspensive condition
 - B. Resolutive condition
 - C. Fideicommissum
 - D. None of the above

QUESTION 2

[11 marks]

Financial planning is an ever evolving field. Critically evaluate the following statements. Discuss in detail and refer to authority:

- 2.1 Transferring assets to a trust with the use of a loan account is an effective estate planning tool to freeze your estate. Include the impact of the proposed section 7C of the Income Tax Act in your answer **(6)**
- 2.2 Substantial contributions to a retirement annuity fund is a good estate planning tool to avoid estate duty and income tax. **(5)**

QUESTION 3

[7 marks]

Jake Hudson, was exercising on his spinning bike at home when he experienced a sharp paralysing pain in his chest. He immediately phoned an ambulance as he suspected he was having a heart attack. When the ambulance arrived, Jake was already dead holding the following piece of paper in his hand:

Dear Paul
I want you to have all my assets.
Thanks for all your love and support.
(This is my last will and testament) *Jake Hudson*

Jake is survived by his ex-spouse, his parents, his two minor children and Paul, his life partner. Paul and Jake had been together for 10 years and shared all their assets and liabilities with each other. Jake had no contact with his ex-spouse and seldom saw his two children. Jake did not have a valid will at the time of his death.

Advise Paul who will inherit Jake's estate and whether the document Jake signed just before his death qualifies as a valid will. Discuss in detail and refer to authority.

QUESTION 4

[15 marks]

Yatish Parshotam created an inter vivos discretionary trust ten years ago. His advisor assisted him with the process and recommended that his personal assistant be the donor to avoid any application of section 3(3)(d) of the Estate Duty Act. Yatish, his sister Roshini and his accountant Dan were the first trustees of the trust. Roshini resigned when she immigrated to England five years ago and her resignation was accepted by the Master of the High Court who issued a new letter of authority indicating that Yatish and Dan are the current trustees. Yatish created the trust for the benefit of his family and to protect his assets in the event of an insolvency. Yatish also bought a property in a retirement village last year. Yatish is hoping to draw an income from the trust to fund his retirement in 5 years' time. Yatish transferred all his assets to the trust in the last ten years. The trust fund is currently at R8 900 000 and there is a receivable loan account in favour of Yatish payable by the trust of R1 300 000.

Yatish bequeathed his entire estate to the trust for the benefit of his spouse and children. See Annexure A for an extract of the trust deed.

- 4.1 Advise Yatish of any risk or concerns you have with regards to his retirement and succession plan. (5)
- 4.2 Discuss and advise the trustees of the implications of Roshini's resignation. Refer to authority. (5)
- 4.3 The trustees would like to make urgent changes to the trust deed. Advise the trustees of the trust if they can amend the trust deed. (5)

QUESTION 5

[4 marks]

Discuss the principles of the *Simplex (Pty) Ltd v Van der Merwe* 1996 (1) SA 111 (WLD) court case.

QUESTION 6

[27 marks]

Thabo is married to Zanele and Dudu in terms of customary law. In terms of their ante-nuptial contract, the marital regime is out of community of property and provides that each wife receives a cash amount of R1 000 000 at the dissolution of the marriage.

Thabo has the following assets and liabilities:

Asset	Market value	Base cost	Note
Primary residence	R4 200 000	R1 100 000	
Holiday house in Camps Bay			1
Farm	R6 400 000	R6 800 000	2
Vehicles	R980 000		
Loan account: Thabo Family Trust	R1 300 000		3
Shares listed on the JSE	R560 000		4

Policyholder	Life insured	Beneficiary	Insured amount	Cash value	Note
Thabo	Thabo	Zanele	R1 700 000		
Ben	Thabo	Ben	R4 300 000		3
IT Digital (Pty) Ltd	Thabo		R1 200 000		3

Retirement fund	Fund value	Note
Retirement annuity fund	R1 134 532	5

Notes:

1. Thabo and Dudu bought the holiday house together in 2009 for R2 500 000. The current value of the property is R4 450 000.
2. Thabo bought the farm two years ago for R6 800 000 while the farming operations were profitable. However, the recent drought has severely affected the market value of the farm and Thabo has been struggling to sell the farm for the last 8 months.
3. Thabo and Ben started an IT business, IT Digital, 15 years ago as a partnership. The partnership became very successful and they converted the partnership into a private company, IT Digital (Pty) Ltd. Thabo opted to transfer his shares in the company to the Thabo Family Trust and a loan account of R 1 300 000 is still outstanding since the transfer. The current value of the private company is R8 600 000 and the Thabo Family Trust and Ben hold 50% shareholding respectively. Thabo and Ben are also the directors of the company. Thabo, as one of the trustees of the Thabo Family Trust, and Ben decided to implement a buy and sell agreement funded with life policies. IT Digital (Pty) Ltd also took out a life policy on the life of Thabo to provide it with funds to recruit someone with the same skill and experience in the event of Thabo's death.
4. Thabo bought the shares in 1999 for R120 000. The shares were valued at R166 000 on 1 October 2001.
5. Thabo's annual remuneration is R2 300 000. Based on the advice from his financial advisor, Thabo invested R1 000 000 into a retirement annuity in September 2015 after they established a substantial shortfall in terms of Thabo's retirement provisions. From this amount, Thabo qualified for a maximum tax deduction in the 2015 and 2016 years of assessment.
6. Thabo doesn't have any liabilities.
7. Thabo executed a valid will which include the following provisions:
 - a. I bequeath the holiday house in Camps Bay to my spouse Dudu.
 - b. I bequeath the residue of my estate to the Thabo Family Trust.
 - c. I instruct the executor to sell all vehicles in my estate.

Thabo would like to ensure that he has sufficient liquidity in the event of his death and asked for your advice.

- 6.1 Calculate the estate duty in the event of Thabo's death. Ignore funeral costs and master's fee. (15)
- 6.2 Identify who is responsible for the estate duty and the amount that the individual is responsible for. (3)
- 6.3 Calculate the residue that accrues to the Thabo Family Trust. (3)
- 6.4 Calculate the liquidity in Thabo's estate (3)
- 6.5 Assume that you have identified a shortfall of R1 340 000 in Thabo's estate. Advise Thabo how he can address the shortfall. Give at least two options. (3)

QUESTION 7

[6 marks]

- 7.1 Discuss the importance of a will for a testator with minor children. (3)
- 7.2 The testator is survived by his surviving spouse and his two children from a previous marriage, aged 17 and 23. Discuss the implications should the children repudiate their benefit in terms of the Intestate Succession Act. (3)

QUESTION 8

[7 marks]

Elizabeth bought a flat for R1 800 000 in Auckland Park for her niece, Deborah to occupy during her three years of study at the University of Johannesburg. Elizabeth died suddenly in Deborah's final year of studies and bequeathed the flat to her son Jason, subject to a usufruct in favour of Deborah for five years.

At the time of Elizabeth's death:

- Elizabeth was 50 years old;
- Jason was 32 years old;
- Deborah was 21 years old; and
- The flat was valued at R2 100 000.

- 8.1 Discuss and calculate the tax implications and executor's fee with respect to the flat in Elizabeth's deceased estate. (2)
- 8.2 Jason died exactly four years later. The market value of the flat at Jason's death was R2 700 000. Discuss and calculate the tax implications related to the flat at Jason's death. (5)

-TOTAL 100 marks-

Annexure A – extract from the Yatish Family Trust:

TRUST DEED

Memorandum of Agreement in respect of a donation in trust made and entered into by and between:

MARIE STEENKAMP
(Hereinafter referred to as the “DONOR”)

And the following trustees (hereinafter referred to as the “TRUSTEES”)

YATISH PARSHOTAM (first trustee),

ROSHINI PARSHOTAM (second trustee) and

DAN BOTHA (independent trustee)

For the benefit of the beneficiaries as defined in the trust deed.

1. DEFINITIONS

BENEFICIARIES the natural persons, and/or Trust/s, and/or *legal persona*, who may be nominated by such natural person/s, to receive the capital/income of the Trust in terms of this Trust Deed, namely;

1. The descendants of **YATISH PARSHOTAM**;
2. In the event of all the persons listed in 1 above being deceased, the intestate heirs of **YATISH PARSHOTAM**, in accordance with the Intestate Law of Succession;

BENEFICIARIES Capital and/or Income Beneficiaries;

3 VESTING DATE

At the death of YATISH PARSHOTAM, the trust will distribute all assets in equal shares between the children of YATISH PARSHOTAM.

7. APPOINTMENT OF TRUSTEE

- 7.2 There shall at all times not be less than THREE or more than SIX Trustees acting under this Trust Deed.
- 7.3 If there is only one trustee as a result of the resignation or death of a co-trustee, the remaining trustee must appoint as soon as possible another trustee in order to again adhere to the set minimum number of trustees, as stated in paragraph 7.2 above. The trustees are all granted the power of assumption and subrogation.

18. AMENDMENT OF TRUST DEED

- 18.1 The trust document can only be amended by way of a written, unanimous decision between the donor and the trustees.

Appendix

Life expectancy and present value tables (Table A)

Age	Expectation of life		Present value of R1 per annum for life		Age
	Male	Female	Male	Female	
0	64,74	72,36	8,327 91	8,331 05	0
1	65,37	72,74	8,328 28	8,331 14	1
2	64,50	71,87	8,327 76	8,330 91	2
3	63,57	70,93	8,327 14	8,330 64	3
4	62,63	69,97	8,326 44	8,330 33	4
5	61,69	69,02	8,325 67	8,329 99	5
6	60,74	68,06	8,324 80	8,329 61	6
7	59,78	67,09	8,323 81	8,329 18	7
8	58,81	66,11	8,322 71	8,328 69	8
9	57,83	65,14	8,321 46	8,328 15	9
10	56,85	64,15	8,320 07	8,327 53	10
11	55,86	63,16	8,318 49	8,326 84	11
12	54,87	62,18	8,316 73	8,326 08	12
13	53,90	61,19	8,314 80	8,325 22	13
14	52,93	60,21	8,312 65	8,324 27	14
15	51,98	59,23	8,310 29	8,323 20	15
16	51,04	58,26	8,307 70	8,322 03	16
17	50,12	57,29	8,304 89	8,320 71	17
18	49,21	56,33	8,301 80	8,319 26	18
19	48,31	55,37	8,298 41	8,317 64	19
20	47,42	54,41	8,294 71	8,315 84	20
21	46,53	53,45	8,290 61	8,313 83	21
22	45,65	52,50	8,286 13	8,311 61	22
23	44,77	51,54	8,281 17	8,309 12	23
24	43,88	50,58	8,275 64	8,306 33	24
25	43,00	49,63	8,269 59	8,303 26	25
26	42,10	48,67	8,262 74	8,299 81	26
27	41,20	47,71	8,255 16	8,295 95	27
28	40,30	46,76	8,246 77	8,291 71	28
29	39,39	45,81	8,237 37	8,286 97	29
30	38,48	44,86	8,226 94	8,281 70	30
31	37,57	43,91	8,215 38	8,275 83	31
32	36,66	42,96	8,202 57	8,269 30	32
33	35,75	42,02	8,188 36	8,262 10	33
34	34,84	41,07	8,172 62	8,254 00	34

Age	Expectation of life		Present value of R1 per annum for life		Age
	Male	Female	Male	Female	
35	33,94	40,13	8,155 36	8,245 09	35
36	33,05	39,19	8,136 47	8,235 17	36
37	32,16	38,26	8,115 58	8,224 26	37
38	31,28	37,32	8,092 74	8,211 99	38
39	30,41	36,40	8,067 81	8,198 66	39
40	29,54	35,48	8,040 30	8,183 86	40
41	28,69	34,57	8,010 67	8,167 62	41
42	27,85	33,67	7,978 44	8,149 83	42
43	27,02	32,77	7,943 44	8,130 12	43
44	26,20	31,89	7,905 47	8,108 81	44
45	25,38	31,01	7,863 80	8,085 27	45
46	24,58	30,14	7,819 24	8,059 56	46
47	23,79	29,27	7,771 09	8,031 19	47
48	23,00	28,41	7,718 43	8,000 26	48
49	22,23	27,55	7,662 36	7,966 17	49
50	21,47	26,71	7,602 01	7,929 50	50
51	20,72	25,88	7,537 13	7,889 67	51
52	19,98	25,06	7,467 48	7,846 46	52
53	19,26	24,25	7,393 87	7,799 65	53
54	18,56	23,44	7,316 31	7,748 34	54
55	17,86	22,65	7,232 34	7,693 55	55
56	17,18	21,86	7,144 14	7,633 63	56
57	16,52	21,08	7,051 78	7,568 96	57
58	15,86	20,31	6,952 25	7,499 27	58
59	15,23	19,54	6,850 04	7,423 21	59
60	14,61	18,78	6,742 06	7,341 35	60
61	14,01	18,04	6,630 10	7,254 57	61
62	13,42	17,30	6,512 32	7,160 20	62
63	12,86	16,58	6,393 01	7,060 46	63
64	12,31	15,88	6,268 22	6,955 37	64
65	11,77	15,18	6,137 89	6,841 61	65
66	11,26	14,51	6,007 26	6,723 93	66
67	10,76	13,85	5,871 65	6,598 93	67
68	10,28	13,20	5,734 03	6,466 35	68
69	9,81	12,57	5,591 82	6,328 18	69
70	9,37	11,96	5,451 65	6,184 66	70
71	8,94	11,37	5,307 75	6,036 07	71
72	8,54	10,80	5,167 44	5,882 78	72
73	8,15	10,24	5,024 37	5,722 22	73
74	7,77	9,70	4,878 76	5,557 43	74
75	7,41	9,18	4,734 90	5,388 93	75
76	7,07	8,68	4,593 54	5,217 27	76
77	6,73	8,21	4,446 63	5,046 79	77

Age	Expectation of life		Present value of R1 per annum for life		Age
	Male	Female	Male	Female	
78	6,41	7,75	4,303 09	4,870 92	78
79	6,10	7,31	4,158 98	4,693 89	79
80	5,82	6,89	4,024 40	4,516 47	80
81	5,55	6,50	3,890 51	4,343 99	81
82	5,31	6,13	3,768 02	4,173 15	82
83	5,09	5,78	3,652 76	4,004 82	83
84	4,89	5,45	3,545 46	3,839 88	84
85	4,72	5,14	3,452 32	3,679 21	85
86	4,57	4,85	3,368 64	3,523 71	86
87	4,45	4,58	3,300 66	3,374 26	87
88	4,36	4,33	3,249 07	3,231 75	88
89	4,32	4,11	3,225 97	3,102 96	89
90	4,30	3,92	3,214 38	2,989 12	90

Annuity table (Table B)

Year	Amount	Year	Amount	Year	Amount	Year	Amount
1	0,892 9	26	7,895 7	51	8,307 6	76	8,331 8
2	1,690 0	27	7,942 6	52	8,310 4	77	8,332 0
3	2,401 8	28	7,984 4	53	8,312 8	78	8,332 1
4	3,037 4	29	8,021 8	54	8,315 0	79	8,332 3
5	3,604 8	30	8,055 2	55	8,317 0	80	8,332 4
6	4,111 4	31	8,085 0	56	8,318 7	81	8,332 5
7	4,563 8	32	8,111 6	57	8,320 3	82	8,332 6
8	4,967 6	33	8,135 4	58	8,321 7	83	8,332 6
9	5,328 2	34	8,156 6	59	8,322 9	84	8,332 7
10	5,650 2	35	8,175 5	60	8,324 0	85	8,332 8
11	5,937 7	36	8,192 4	61	8,325 0	86	8,332 8
12	6,194 4	37	8,207 5	62	8,325 9	87	8,332 9
13	6,423 6	38	8,221 0	63	8,326 7	88	8,333 0
14	6,628 2	39	8,233 0	64	8,327 4	89	8,333 0
15	6,810 9	40	8,243 8	65	8,328 1	90	8,333 0
16	6,974 0	41	8,253 4	66	8,328 6	91	8,333 1
17	7,119 6	42	8,261 9	67	8,329 1	92	8,333 1
18	7,249 7	43	8,269 6	68	8,329 6	93	8,333 1
19	7,365 8	44	8,276 4	69	8,330 0	94	8,333 1
20	7,469 4	45	8,282 5	70	8,330 3	95	8,333 2
21	7,562 0	46	8,288 0	71	8,330 7	96	8,333 2
22	7,644 6	47	8,292 8	72	8,331 0	97	8,333 2
23	7,718 4	48	8,297 2	73	8,331 2	98	8,333 2
24	7,784 3	49	8,301 0	74	8,331 4	99	8,333 2
25	7,843 1	50	8,304 5	75	8,331 6	100	8,333 2