

A vocabulary-size test of controlled productive ability

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It is important in the design of the vocabulary component of a teaching program that teachers are able to discover the state of their learners' vocabulary knowledge. It is also important that researchers can draw on a variety of vocabulary measures to investigate the nature of vocabulary growth. This study focuses on a controlled production measure of vocabulary consisting of items from five frequency levels, and using a completion item type like the following.

The garden was full of fra ____ flowers.

The controlled-production vocabulary-levels test was found to be reliable, valid (in that the levels distinguished between different proficiency groups) and practical. There was a satisfactory degree of equivalence between two equivalent forms of the test.

I Vocabulary testing

Vocabulary knowledge is considered by both first-language and second-language researchers to be of great significance in language competence (Grabe, 1991; Frederiksen, 1982) and vocabulary testing is now receiving the attention it deserves, with studies of the construct validity of some vocabulary tests (Chapelle, 1994; Perkins and Linville, 1987), examination of the effectiveness of particular item types (Henning, 1991; Laufer and Nation, 1995), and a comprehensive examination of the field of vocabulary testing in preparation (Read, forthcoming). The present study attempts to contribute to this knowledge.

This increased interest can be interpreted to mean that there is considerable value in gaining knowledge about specific parts of language learners' proficiency because it can be used effectively for diagnostic,

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Language Testing 1999 16 (1) 33-51

0265-5322(99)LT160OA @ 1999 Arnold

a different program from low-frequency vocabulary development class time, because high-frequency vocabulary development requires lary Levels Test (Nation, 1983; 1990) has proved to be useful in helping teachers to determine the kind of attention they should be giving to vocabulary for particular groups of learners. This is an with the meanings given on the right. important decision in terms of the cost-effectiveness of the use of placement and curriculum-design purposes. For example, the Vocabu-Test. The learners have to match three of the six words on the left Following is a sample of three items tested by the Vocabulary Levels

_	business		
2	clock .	0	part of a house
ω	horse	ယ	animal with four legs
4	pencil	4	something used for writing
5	shoe		
6	6 wall		

decision-making. they test a large number of items at one time, allowing reliable largely because they tap very important 'enabling' knowledge and ment test. Vocabulary tests are useful diagnostic and placement tests Buxton, 1987) has been very useful as a quickly administered place-Similarly, Meara's Eurocentres Vocabulary Size Test (Meara and

to have a range of vocabulary measures to draw on. associations, use in context and related meanings. In order to gain a aspects of vocabulary knowledge include, for example, collocations, rounded picture of a learner's vocabulary knowledge, it is necessary receptive/productive distinction is the best known of these. Other (Richards, 1976; Nation, 1990), and many degrees of knowledge. The been recognised that there are many dimensions to 'knowing a word and degrees of vocabulary knowledge (Paul et al., 1990). It has long types is that different item types appear to be tapping different aspects An important finding arising from the research on vocabulary-item

them draw more readily on what they know. writing, may need encouragement and well designed tasks to help course. For example, learners who gain a high score in a Vocabulary particular aspects of vocabulary knowledge are being neglected in a Levels Test, but do not use the full richness of their vocabulary in A variety of vocabulary measures is useful diagnostically to see if

ing. Joe (1994), for example, in her study of vocabulary learning from out vocabulary measures to draw on in research on vocabulary learn-There is also considerable value in having a range of well-thought-

> in the study and relate this to the conditions under which they were thus able to measure degrees of strength of knowledge of the words retelling tasks, used several measures of the same vocabulary and was

II Vocabulary frequency levels

of occurrence. For example, these levels could consist of groups of 1990) is that it is useful to view the vocabulary of English (and indeed examination of lexical richness in writing (Laufer and Nation, 1995). There are several compelling reasons why it is useful to view vocabuage, the next most frequent 1000 words of the language and so on. 1000 words made up of the most frequent 1000 words of the languany language) as consisting of a series of levels based on frequency The main idea behind the Vocabulary Levels Test (Nation, 1983) The test format employed in this study was used previously in ar

around 84% of informal spoken use. By contrast, the tenth 1000 most most frequent 10 words account for around 25% of the running words word the accounts for 7% of the running words in written texts. The lary in this way.

First, even a glance at the relative frequency of use of different them. The frequent words account for much less than 1% of the running words for around 75% of the running words in formal written texts and in spoken and written use. The most frequent 1000 words account words shows that there are striking differences between them. The Second, there is a very large number of words in English (Goulden

It is, thus, necessary to choose carefully what words to focus on. give attention to anything but a very small proportion of these words et al., 1990) and it is far beyond the goals of any language course to

words, as represented by the frequency of the words. All things being equal, words should be learned roughly in order of their frequency of occurrence, with high frequency words being learned first. To into frequency bands, such as the first 1000, second 1000 and so on. such as, for example, learning the before hello, words are grouped avoid the ludicrous results of a strict interpretation of this guideline the words. The benefit is the number of opportunities to use the benefit distinction. The cost is the time and effort to teach and learn quency words of the language. This distinction is essentially a costwords (Nation and Hwang, 1995), and the large number of low frewords of the language, as represented by the most frequent 2000 For these reasons a distinction is made between the high frequency

in the frequency of such bands. Table 1 is based on the lemmatised A study of frequency figures shows that there is a very rapid drop

Frequency level	Cumulative coverage (%)	Coverage (%)
1st 1000	72.0	72.0
2nd 1000	79.7	7.7
3rd 1000	84.0	4.3
4th 1000	86.8	2.8
5th 1000	88.7	1.9
6th 1000	89.9	1.2

figures for the Brown corpus (Francis and Kučera, 1982) which contains a variety of text types and registers. It presents an example of the decreasing coverage by successive word frequency bands.

quency group, overlap between various word counts, and the starting eral criteria: frequency, coverage of the text, size of the high freby the small amount of benefit that learners get from knowing it, that time spent on teaching any one low-frequency word is not justified vocabulary, but teachers should not necessarily continue to teach guessing from context, memorisation techniques and procedures, and towards strategies for learning and coping with these words, such as of English (the high frequency words) deserve individual attention defined areas of use, only the words in the most frequent 2000 words suitable place to make this arbitrary distinction. teria tend to agree in indicating that the 2000-word level is the mos point of specialized vocabularies (Nation and Hwang, 1995). The criline between high- and low-frequency words can be drawn using sevis the number of opportunities to meet or use the word. The dividing high- and low-frequency words is primarily one of cost-benefit. The particular words directly. The reason for this distinction between the learning of word parts. Learners should continue to expand their levels and onwards, teaching attention should be directed more Beyond that level, that is the words in the third, fourth, fifth 1000 From a teaching point of view, in courses not focused on wel

This important distinction between high- and low-frequency words then makes it necessary for teachers to know what stage their learners are at in their vocabulary development. This was the motivation behind the construction of the original Vocabulary Levels Test, and now its productive version.

III A test of controlled productive ability

Productive vocabulary ability is not a yes/no phenomenon, but implies degrees of knowledge. For example, a learner may be able

to provide a sentence with an infrequent word when required to do so by the teacher, but be reluctant to use it when left to his own devices, as in a composition writing task and choose to use a simpler, more frequent word of a similar meaning. Such reluctance is often a result of uncertainty about the word's usage. Put differently, lack of confidence is a reflection of imperfect knowledge. We refer to the ability to use a word at one's free will as free productive ability. This type of knowledge is measured by the Lexical Frequency Profile (Laufer and Nation, 1995). We use the term 'controlled productive ability' for the ability to use a word when compelled to do so by a teacher or researcher, whether in an unconstrained context such as a sentence-writing task, or in a constrained context such as a fill-in task where a sentence context is provided and the missing target word has to be supplied. It is the latter format, with modifications described below, that we used for the present test.

For each item, a meaningful sentence context is presented and the first letters of the target item are provided. The first letters prevent the test-takers from filling in another word which would be semantically appropriate in the given context but which comes from a different frequency level. Here is an example eliciting the word 'episodes'.

The book covers a series of isolated epis____ from history.

The test format bears some resemblance to the C-test (Klein-Braley and Raatz, 1984; Klein-Braley, 1985), although for vocabulary-sampling purposes in this study it is not used in a paragraph but a sentence, and the cues are not always half a word. The number of letters for each word was decided on by the elimination of possible alternatives to the tested word. The C-test uses the first half of a word with the smaller number of letters being provided if the word has an odd number of letters (e.g., the first two letters are provided if the word contains five letters). Because our test was a test of productive vocabulary ability, it was thought better to provide the minimal number of letters that would disambiguate the cue. If two letters could start two possible words in the given sentence, an additional letter was added to eliminate this possibility. The size of the underlined space at the end of the incomplete word is no indication of the number of letters needed to complete it.

The overall structure of the test is modelled on the Vocabulary Levels Test (Nation, 1983; 1990). The test samples 18 items at each of the 2000, 3000, 5000, University Word List (UWL), and 10 000 word levels. Test Version A uses the items from the original Levels Test. Three parallel test versions were devised using the items from the three parallel versions of the Levels Test, which were made by Norbert Schmitt.

Two studies were conducted, one to check the reliability and validity of one version of the test, and one to check the equivalence of four parallel forms of the test

IV Study 1: Validation of the test

1 Research question and hypothesis

One kind of evidence for the validity of the test is to see if it distinguishes among different levels of language proficiency since vocabulary size forms a part of language proficiency. Learners at a higher level of language knowledge know more words. Therefore, our research question was whether there would be a significant difference among groups at several language-proficiency levels, in the total score on the test, and in the scores at each vocabulary frequency level: 2000, 3000, 5000, UWL, 10000. The question was researched with Test Version A (published in Lauter and Nation, 1995). The receptive version of this test, the Vocabulary Levels Test, shows a substantial degree of implicational scaling from one frequency level to the next (Read, 1988).

2 Subjects

The subjects were four groups of foreign learners at different proficiency levels of English as a foreign language: high school 10th graders (n=24), 11th graders (n=23), 12th graders (n=18) and 1st year university students in the English department (n=14). The 10th graders had studied English for 5 years (4–5 hours a week), the 11th graders – 6 years, 12th graders – 7 years. Since English was studied as a foreign, not second, language and class work was the main source of input, the class grade was a fair indication of language proficiency.

3 Procedure

First, three native speakers were asked to retrieve the tested items. One of the researchers was sitting with them. Whenever someone had a difficulty with the retrieval, the sentence context was modified in the first instance. If that did not help, an additional letter for the target item was provided. The modified versions of the tests were given to seven additional native speakers. This time all the items could be retrieved by six or more of the seven informants.

The controlled productive ability test was given to the four groups. The grading was in terms of correct/incorrect for each item. Minor

Table 2 Reliabilities for each level of test version A

•					
10 000 level	5000 level	UWL	3000 level	2000 level	Level
.90	.84	.84	.81	.77	Reliability

spelling mistakes were not marked as incorrect, and grammatical mistakes were also ignored. Each learner was given 6 scores: a score for the number of correct items at each of the 2000, 3000, UWL, 5000, and 10000 levels and for the total score of correctly retrieved items.

4 Analysis and results

The entire test version A for all subjects had an internal consistency of .86 using the Kuder–Richardson formula KR21. Table 2 contains the reliabilities for the five levels in Test Version A. Sets of ANOVAs with Duncan post-hoc tests were performed on each test level and the total test scores.

By looking across each row in Table 3, we can see how the scores on the test change as general proficiency increases. For example, the total score on all five levels of the test grows from 21.7 out of 90 for the 10th grade students, to 33.4 out of 90 for the 11th grade students,

Table 3 Mean scores and F-tests for four proficiency level groups on the five levels and the total score of the original productive levels test

	10th grade (n = 24)	11th grade (<i>n</i> = 23)	12th grade (<i>n</i> = 18)	University $(n = 14)$	F-test
2000 level	11.8	15.0	16.2	17.0	17.9
2000	0	3	5	2	<i>p</i> =.0001
		į	į	;	<i>p</i> =.0001
UWL level	2.6	<u>წ</u> .	7.4	12.6	34.6
					<i>p</i> =.0001
5000 level	1.0	3.9 9	4.7	7.4	12.6
					p=.0001
10 000 level	0.0	0.0	0.9	3,8	13.6
					<i>p</i> =.0001
Total	21.7	33.4	40,1	55,8	32.6
					<i>p</i> =.0001

example, at the 2000-word level, the 10th graders' score is 11.8, the 11th graders' 15, the 12th graders' 16.2 and the university stuto 40.1 for the 12th grade students, and to 55.8 for the university students. This increase is present not only in the totals for each proficiency level but also for each level of the test for each group. For

levels of the test. For example, at the 2000 level the 10th graders score 11.8, at the 3000 level 6.3, at the UWL level 2.6, at the 5000 consistent in both directions. level 1.0 and at the 10000 level 0.0. The patterning is remarkably Similarly there is a decrease in score for each group at each of the

significance between these two groups may be explained by the specific educational conditions of the 12th grade. A lot of teaching time as a whole distinguishes among most of the proficiency groups. be reached in spite of the small difference in mean scores. The test numbers of subjects in these two groups, statistical significance would material rather than new material. It is also possible that, with larger is spent on preparation for the matriculation exam, i.e., revision of one another. With regard to the 11th and the 12th grades, even though 11th and the 12th grades, the groups are significantly different from differed from one another, Duncan post-hoc tests were carried out less progress from a total score of 33.4 to 40.1. The lack of statistical the difference in vocabulary size is not significant, there is neverthe-The Duncan's groupings show that on the total score, except for the frequency levels were significant. To check specifically which groups the four groups of learners for the total scores and scores at individua As the F-test results in Table 3 indicate, the differences between

ders' score was very low. At the 5000 and 3000 levels as with the and 11th graders did not score at all at this level which represents At the 10000-word level, only the university students' score is significantly different from the others. This is not surprising as the 10th levels from the 10th graders and university students. from each other. These two groups are significantly different at these total scores, the 11th and 12th graders are not significantly different low-frequency vocabulary beyond their knowledge, and the 12th gra-

mastery of about two-thirds (11.8 out of 18) of the 2nd 1000 most ers have significantly different scores from the other three groups with are approaching mastery of the high frequency words. The 10th grad significantly different from the university students. The 11th graders graders are not significantly different from the 12th graders but are the university students and the 12th graders. Both groups have scores frequent words. The most interesting subtest is the university word that show mastery of the words at this high-frequency level. The 11th At the 2000 word level, there is no significant difference between

> list which discriminates among all the four proficiency levels. Apparently, there is a gradual and significant increase throughout the high school and the university in the knowledge of academic words.

it is a valid measure of vocabulary growth. frequency levels of the test as proficiency increases, indicating that These results clearly show the gradual mastery of the successive

5 Practicality

economical to duplicate. It could be computerised but some allowance on to three pages and although the test sheets are not reusable, it is answer is marked as correct or incorrect. A whole test can be fitted easy to mark as there is only one correct word for each item and each It is easy to administer and can be completed in a short time. It is The Productive Vocabulary Levels Test is a very practical instrument

would need to be made for scoring minor misspellings.

The test is easy to interpret. Each level represents 1000 words, available for productive use. ably around 15 or 16 out of 18 (85% or 90%) for the 2000-word whether a learner has satisfactory mastery of a level is a matter of except the UWL level which represents a list of 836 words. A learlevel, indicating that less than 150 words at that level are not readily 50%; and this would roughly equal 500 out of 1000 words). Deciding number of words known at that level (for example, 9 out of 18 equals ner's percentage score on a level is a very rough indication of the judgement and depends what level is being considered, but is prob-

V Study 2: The equivalence of four parallel versions

sions were made up, each version using different items from the same frequency levels. The existence of parallel test versions can be useful whether they would correlate highly with one another when adminis ing produced the additional versions, it was necessary to check in projects where we would like to measure vocabulary growth in tered to the same learners. test/retest situations to eliminate the memory effect of the items. Hav-In addition to the original test (Version A), three additional test ver-

1 Subjects and procedure

Four groups of learners were selected at different proficiency levels for the four test levels: 2000, 3000, 5000, UWL. That is, one group sat four versions of the 3000-word level and so on. We tried not to of learners sat four versions of the 2000-word level, another group

have a situation where the selected test would be too easy or too difficult for a particular group, i.e., we avoided results with almost all correct or incorrect answers. If this had been the case, then the correlations among the scores of parallel versions would certainly have been high, but not revealing. All they would have revealed is either complete knowledge, or total ignorance of the words at the tested level. The 10000-word level was not tested simply because, among our foreign learners, we do not have learners with a good enough knowledge of the words at that level. The subjects in this study were different from the subjects in Study I. in Study I, each subject took the entire test consisting of five frequency levels, with 18 items at each level. In Study 2, each subject took four versions of only one of the frequency levels.

Pearson correlations between the four test versions were calculated for each of the four tested vocabulary-frequency levels.

? Results and discussion

Table 4 contains the reliabilities (KR21) for each of the levels. Because different groups of students sat different levels, it is not possible to provide total reliability figures for the four test versions. Moreover, different numbers of students sat different levels of the tests. However, total reliability figures are available from separate testing for Form A (.86) and Form C (.91) on KR21.

The difference in the reliabilities for the various levels and the whole tests (Form A and Form C) is because there are 90 items in the whole test and only 18 in each of the five levels. The reliabilities for the 5000 level are low because of the small number of subjects (18) and the homogeneity of that group.

Table 5 shows the correlations between four levels of the four versions of the Productive Vocabulary Levels Test. For example, the 2000-word level sections of test Versions A and B correlated .82 with each other which was significant at the .0001 level.

In general, the correlations are moderate to high and are significant. The lower correlations at the 5000 level may be due to the small

Table 4 Reliabilities for the levels in each of the four test versions

level	UWL .72	level	level	Level Form A
.38	.63	.39	.67	Form B
.04	.61	.47	.80	Form C
.02	.78	.56	.67	Form D

 Table 5
 Correlations between four versions of the Productive Vocabulary Levels Test at four of the five frequency levels in the tests

	A/B	Ą	A/D	в/с	B/D	C/D
000 level	.82*	.82	.78*	.83*	.81*	.77*
000 level	.71*	.70	.82 24	82	.71*	.80*
WL level	.75*	86	.84*	83*	.76*	.80*
000 level 1 = 18)	.72 (p=.004)	.83	.69 (p=.003)	.49 (ρ=.1)	.77 (p = .003)	.67 (p=.006)
-						

Note: *significant at .0001 level.

number of subjects, but is most likely the result of patchy, unsystematic knowledge at this level which is at the edge of most of the learners' low-frequency vocabulary growth.

Because the tests are designed as diagnostic tests, another way to check the equivalence of the four forms is to see if they lead to the same decision regarding individuals who sit the tests. That is, if a criterion score is set at the 2000 level, do all four forms of the test always put an individual on the same side of the criterion score at that level? We focus on the 2000 level because this is the dividing line between high-frequency and low-frequency vocabulary. Table 6 has the results for the 2000-word level on the four forms. Fifteen out of 18 is a preferred criterion, but the criterion was set at 12 out of 18 because so few learners (only 6 out of 45) gained a score of 15 or more on the tests.

Table 6 shows that 62% of the learners (28 out of 45) were on the same side of the criterion on all four forms, 91% (28 plus 13 out of 45) were on the same side of the criterion on three out of the four forms and 95% (28 plus 13 plus 4 out of 45) were on the same side of the criterion on two out of the four forms. When the criterion score was set at 9, which was the mean of the means of all four versions, by coincidence the results were exactly the same as for the criterion

Table 6 Number of each individual's scores in four, three and two versions of the productive levels test on the same side of the criterion (n = 45)

12 9 (grand mean)	Criterion
28 28	All four versions
133	Three out of four
4	Two out of four

equivalence 12. In terms of decision-making, the tests show a high degree of

a good correlation (see Table 7). For diagnostic purposes, any of the each level were chosen that were not significantly different and had with each other and led to similar decision-making, the means were not similar enough. Sets of paired t-tests and ANOVAs with repeated new parallel versions are recommended. four versions could be used, while for test/retest purposes, the two measures were carried out and, on the basis of these, pairs of tests at Unfortunately, although the four versions correlated well enough

showed that it had a reliability of .91 on KR21, and discriminated 5000 level items from Version A. Further analysis of Version C Version C at all levels, and a test made up of the 2000-level items between learners of different proficiency levels. from Version B, the 3000 and UWL items from Version D, and the that the two parallel versions (see Appendix 1 and Appendix 2) are All correlations are significant at the p = .0001 level. Table 7 shows

VI Conclusion

measure which enables us to research some important issues cal measure of vocabulary growth. It is an additional quantitative The Productive Vocabulary Levels Test is a reliable, valid and practivocabulary acquisition. Ħ,

edge of the meaning. Similarly, Joe (1994) used three receptive measchoice and an interview) to determine the strength of vocabulary word form was provided and the learners were tested on their knowlinterview and yes/no. These are all receptive measures in that the a range of largely receptive measures that have been used previously choice of test format depends on the type of information desired' ures (a sensitive multiple-choice test, a more demanding multiple-The three formats investigated by Paul et al. were multiple-choice. The Productive Vocabulary Levels Test provides a useful addition to Paul et al. (1990: 1) conclude that for vocabulary testing 'the

Table 7 Two equivalent forms with similar means and a good correlation at each level

Level	2000 B/C	3000 C/D	5000 A/C	UWL C/D
Means	6.7/6.3	3.8/3.9	3.7/3.5	5.1/5.7
Standard deviations	3.3/3.3	2.3/2.6	2.3/1.7	2.9/3.8
Correlations	,83	.80	.82	.80

thus look more effectively at breadth of vocabulary knowledge. researchers to investigate other aspects of vocabulary knowledge and knowledge. The Productive Vocabulary Levels Test allows

gate questions such as the following: free active vocabulary, see Laufer and Nation, 1995), we can investireceptive levels test and the Lexical Frequency Profile (a measure of Using the Productive Vocabulary Levels Test together with the

- What developments occur in the different types of vocabulary knowledge over a period of time (for example, receptive, controlled productive, free productive)?
- 2) one another in the same individuals? How are the different types of vocabulary knowledge related to
- 4 ယ edge change over time? How do the relationships between the different types of knowl
- How do the different types of knowledge develop in different input conditions and with different teaching methods?

VII References

Chapelle, C. 1994: Are C-tests valid measures for L2 vocabulary research? Second Language Research 10, 157–87.

Francis, W.N. and Kučera, H. 1982: Frequency analysis of English usage Boston, MA: Houghton Mifflin.

human intelligence, Vol. 1. Hillsdale, NJ: Lawrence Erlbaum. Goulden, R., Nation, P. and Read, J. 1990: How large can a receptive Frederiksen, J.R. 1982: A componential theory of reading skills and their interactions. In Mislevy R.J. (ed.) Advances in the psychology of

vocabulary be? Applied Linguistics 11, 341-63.

Grabe, W. 1991: Current developments in second language reading research. TESOL Quarterly 25, 375-406.

Henning, G. 1991: A study of the effects of contextualisation and familiaris-Educational Testing Service. ation on responses to the TOEFL vocabulary test items. Princeton, NJ.

Joe, A. 1994: The effects of text-based tasks on incidental vocabulary learning Unpublished MA thesis. Victoria University of Wellington New Zealand.

Klein-Braley, C. 1985: A cloze-up on the C-test: a study in the construct validation of authentic tests. Language Testing 2, 76-104.

Klein-Braley, C. and Raatz, U. 1984: A survey of research on the C-test Language Testing 1, 134-46.

Laufer, B. and Nation, P. 1995: Vocabulary size and use: Lexical richness

in L2 written production. Applied Linguistics 16, 307-22.

Meara, P. and Buxton, B. 1987: An alternative to multiple choice vocabu lary tests. Language Testing 4, 142-51.

Nation, I.S.P. 1983: Testing and teaching vocabulary. Guidelines 5, 12-25

Heinle.	1990.
••	Teaching
	and
	Learning
	1990. Teaching and Learning Vocabulary. Boston, MA: Heinle and
	Boston,
	MA:
	Heinle
	and

Nation, P. and Hwang K. 1995: Where would general service vocabulary stop and special purposes vocabulary begin? System 23, 35-41.

Paul, P.V., Staliman, A.C. and O'Rourke, J.F. 1990: Using three test formats to assess good and poor readers' word knowledge. Technical Report No. 509, Center for the Study of Reading, University of Illinois

at Urbana-Champaign, IL.

Perkins, K. and Linville, S.E. 1987: A construct definition study of a standardized ESL vocabulary test. Language Testing 4, 125-41.

Read, J. 1988: Measuring the vocabulary knowledge of second language learners. RELC Journal 19, 12–25.

Cambridge University Press. forthcoming: Testing vocabulary knowledge and use. Cambridge

Richards, J.C. 1976: The role of vocabulary teaching. TESOL Quarterly 10

Appendix 1

One of two equivalent versions of the A LEVELS TEST OF PRODUCTIVE VOCABULARY: Parallel Version 1 (Version C)

Complete the underlined words. The example has been done for you

He was riding a bicycle.

- I'm glad we had this opp to talk
- There are a doz eggs in the basket
- Every working person must pay income t
- The pirates buried the trea Her beauty and cha_ had a powerful effect on men. on a desert island.
- of rain led to a shortage of water in the city.
- He takes cr___ and sugar in his coffee.

 The rich man died and left all his we____
 - man died and left all his we____ to his son.
 must hand in their papers by the end of the week.
 - This sweater is too tight. It needs to be stret_
 - Ann intro her boyfried to her mother.
- Teenagers often adm and worship pop singers.
 - If you blow up that balloon any more it will bur
 - In order to be accepted into the university, he had to impr The differences were so sl____ that they was "mpr_____ two hours after it had been sent."

 The dress was "marked by the dress "ma his grades
- The dress you're wearing is lov
- He wasn't very popu friends now when he was a teenager, but he has many

The 3000-world level

- He has a successful car
- The thieves threw ac-∄. as a lawyer. his face and made him blind

- To improve the country's economy, the government decided on economic ref
- She wore a beautiful green go to the ball
- The government tried to protect the country's industry by reducing the duit of cheap goods.
- The children's games were fanny at first, but finally got on the parents
- The lawyer gave some wise coun-_ to his client.
- Many people in England mow the la of their houses on Sunday morn-
- The farmer sells the eggs that his he

- 7,5,5,4,3,7,7,0,9 Many people are inj in road accidents. Its in road accidents every year.
- Suddenly he was thru into the dark room.

 He perc a light at the end of the tunnel.

 Children are not independent. They are att to their pa

 She showed off her sle figure in a long narrow dress. _ to their parents.
- She has been changing partners often because she cannot have a starelationship with one person.
- be na You must wear a bathing suit on a public beach. You're not allowed to

5000-word level

- Soldiers usually swear an oa_ of loyalty to their country. in the box.
- The voter placed the ball
- They keep their valuables in a vau_ __ at the bank.
- A bird perched at the window led
- The kitten is playing with a ball of ya The thieves have forced an ent_
- The small hill was really a burial mou.

 We decided to celebrate New Year's E into the building.
- 55,50,98,765,43 55,50,98,765,43 The soldier was asked to choose between infantry and cavtogether
 - This is a complex problem which is difficult to compr
 - The angry crowd sho_ the prisoner as he was leaving the court.
- disc Don't pay attention to this rude remark. Just ign_____it.

 The management held a secret meeting. The issues discussed were not to the workers.
- 4 2
- 900 We could hear the sergeant bel_____commands to the troops. The boss got angry with the secretary and it took a lot of tact to him.
- information to make a decision.
- We do not have adeq____i
 She is not a child, but a mat woman. She can make her own decisions.
- The prisoner was put in soli confinement.

The University Word List level

- There has been a recent tr smaller number of children. among prosperous families towards a
- The ar_ of his office is 25 square meters
- examines the meaning of life.

The 5000-word level

After finishing his degree, he entered upon a new ph___ in his career. The workmen cleaned up the me___ before they left.

On Sunday, in his last se___ in Church, the priest spoke against child

People manage to buy houses by raising a mor-

He received many com-

saw them sitting on st

at the bar drinking beer.

The building is heated by a modern heating appa. Her favorite musical instrument was a tru

on his dancing skill.

from a bank.

Some people find it difficult to become independent. Instead they prefer to be tied to their mother's ap____ strings.

```
3000-word level
   You must be awa_
                                                                                                                                                                                                                 Anthropologists study the struc of ancient societies.

After two years in the Army, he received the rank of lieu.
                                                                                                                                                                                                                                                                                                               I live in a small apa___ on the second flow.

The pro___ of failing the test scared him.
                    Crying is a nor response to pain The Emperor of China was the supr
                                                       He was on his knees, ple for mercy.
You'll sn that branch if you bend it too far.
I won't tell anybody. My lips are sea
                                                                                                                                                                            The statue is made of mar___.

Some aristocrats believed that blue blood flowed through their ve__
                                                                                                                                                                                                                                                                          Before writing the final version, the student wrote several dra_It was a cold day. There was a ch_____ in the air.
                                                                                                                                                                                                                                                                                                                                                                                                                  You must have been very br____ to participate in such a dangerous oper-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            The nu___ was helping the doctor in the operation room. Since he is unskilled, he earns low wa___. This year long sk___ are fashionable again.
                                                                                                                       People were whir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     The mechanic had to replace the mo____
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Laws are based upon the principle of jus_
                                                                                                                                         His beard was too long. He decided to tr
                                                                                                                                                            The secretary assi
                                                                                                                                                                                                                                                           The cart is pulled by an o
                                                                                                                                                                                                                                                                                                                                                                                                                                                          This work is not up to your usu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     The house was su_____ by a big garden.

The railway con____ London with its suburbs.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    There is a co
                                                                                                                                                                                                                                                                                                                                                                                                                                     They sat down to eat even though they were not hu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               The organisers li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  The railway con_
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            The doctor ex
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                They had to cl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       He is walking on the ti_
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   aimlessly in the street.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        the patient thoroughly.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           a steep mountain to reach the cabin.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            of the original report in the file.
                                         response to pain.
that very few jobs are available.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             the number of participants to fifty.
                                                                                                                                                        the boss in organizing the course.
                                                                                                                     round on the dance floor.
                                                                                                                                                                                                                                                                                                                                     on the second floor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                              standard.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      of the car.
                    ruler of his country.
```

The <u>.</u>8 17. 16.

10000-word level

The challenging job required a young, successful and dyn

candidate

considerations.

Even though the student didn't do well on the midterm exam, he got the

His decision to leave home was not well thought out. It was not based on

highest mark on the h

The new vic____ was appointed by the bishop. If your lips are sore, try lip sal___, not medicine. Much to his chag___, he was not offered the job.

She has contributed a lot of money to various charities. She is known for

of pastel colours.

The floor in the ballroom was a mos_

She wanted to marry nobility: a duke, a baron, or at least a vis_

with reporters.

her generosity and bene-

765432-

The actors exchanged ban

This is an unusual singer with a range of three oct.

A thro____ controls the flow of gas into an engine.

Anyone found loo_ The crowd soon disp_ _ bombed houses and shops will be severly punished. _ when the police arrived.

The wounded man squi

on the floor in agony.

a moment. He imme_ The dog crin_ in when it saw the snake.
himself in a hot bubbly bath forgetting all his troubles for

18.7.75 The problem is beginning to assume mam. The approaching storm stam_ the cattle into running wildly. proportions.

He was arrested for illi His vind behaviour towards the thief was understandable trading in drugs.