

Chapter Four

Data Analysis , Discussion and Interpretation

4.0 Introduction :

In this chapter , the researcher reviews what has been collected and analyzed concerning the data and its results .

To discuss the results , a statistical description for each question of the test of the study will be provided in terms of percentages in order to reach to a clear vision .

4.1 Data Analysis :

Table (4-1) (Part One of the test)

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
1	50	18	32	36%	64%
2		3	47	6%	94%
3		15	35	30%	70%
4		18	32	36%	64%
5		9	41	18%	82%
6		22	28	44%	56%
7		18	32	36%	64%
8		22	28	44%	56%
9		4	46	8%	92%
10		22	28	44%	56%
Total	500 answers	151	349	30%	70%

4.2 Interpretation and discussion of ' table 1'

a.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
1	50	18	32	36%	64%

The table (a) demonstrates the marks that students have got in the first question from the test that has been designed by the researcher .

The questions are divided into ten points , each one examines different affix.

Students have to link those affixes to original words successfully .

In the first point , students got 18 correct answers and 32 wrong answers with percentages 36% and 64% respectively . It is obvious that students have a clear problem in linking affixes to the original words .

b.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
2	50	3	47	6%	94%

In the second question students wrong answers are overwhelmingly great i.e 47 answers which constitute 94% against only 3 answers which constitute 6%. This result shows that although the prefix " co " used with the noun "existence" in

(SPINE 5) but the students may either haven't paid much attention or the whole noun "co-existence" is not common

c.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
3	50	15	35	30%	70%

d.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
4	50	18	32	36%	64%

In question 3 and 4 the students answers are relatively similar since they scored less than 20 marks for the correct answers and this result indicates that the students lack the ability to add the affix "under" to the noun "ground" so as to "underground" , also changing the adjective "different" into noun "difference" by omitting the letter "t" and placing "ce" instead .

e.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
5	50	9	41	18%	82%

In question 5 students got only 9 correct answers versus 41 , with percentage 18% and 82% respectively .

The question requires from the students to form a noun from the given verb using the very familiar affix "tion" and the verb "create" . It supposed to be an easy task for them , but unfortunately as we have seen above only a very small minority succeeded in writing the correct answer , more exercise is required to eliminate such difficulties .

f.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
6	50	22	28	44%	56%

In question six in spite of the word nature which requires spelling to be carried out i.e "able" into "ability" but the students have managed to score 22 correct answers unlike the previous questions which are relatively familiar than this one.

g.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
7	50	18	32	36%	64%

In the seventh point , students had 18 correct answers and 32 wrong answers with percentages 36% and 64% respectively . No doubt the verb "develop" and the suffixes "-ment" are so familiar particularly in SPINE series

inspite of this the students failed to score even half correct answers this apparently shows the students lack of practicing affixes .

h.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
8	50	22	28	44%	56%

In question 8 students got 22 correct answers versus 28 , with percentage 44% and 56% respectively .It requires from the students to form a noun from the given noun using the suffix "-ness" and the noun "dark" so as to be "darkness" .

i.

Question No	No of the students	Students correct Answer	Students wrong Answers	Percentage of correct Answer	Percentage of wrong Answer
9	50	4	46	8%	92%

In the question 9 students wrong answers are dramatically big i.e 46 answers which constitute 92% against only 4 answers which constitute 8%. This result shows that although the prefix " sub " used with the noun "title" , more exercise is required to eliminate such difficulty .

j.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
10	50	22	28	44%	56%

In question 10 the result of the answers is identical to the result of the question 8 , regardless the difference of the nature of the two questions , question 8 is about backformation whereas question 10 is about prefixes which is "pre-" added to the noun "school" .

This prefix "pre-" is used restrictedly with few words in English , and this one i.e "pre-school" is one of the most common ones.

The second part of this test is concerned with Multiple Choices Questions (MCQ) . It composes of ten questions , and each question is designed to ask the students to choose one choice from the four given choices . These choices are similar and they have something to do with spelling rules of suffixes added to the back of the words .

The result of the second part of the test is illustrated statistically on the table below :

Table (4-2) Part Two :

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
1	50	17	33	34%	66%
2		34	16	68%	32%
3		8	42	16%	84%
4		17	33	34%	66%
5		34	16	68%	32%
6		27	23	54%	46%
7		17	33	34%	66%
8		1	49	2%	98%
9		13	37	26%	74%
10		11	39	22%	78%
Total	500 answers	179	321	36%	64%

a.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
1		17	33	34%	66%

The first point , students had 17 correct answers and 34 wrong answers with percentages 34% and 66% respectively . This question asks the students to choose the correct form of the verb " write" in progressive form and the result shows that only one third of the students have managed to choose the correct answer which is "writing" .

b.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
2	50	34	16	68%	32%

Question two is different than question one , the students correct answers are the majority as they got 34 with percentages 68% versus 16 wrong answers which constitutes 32% . This question asks the students to choose the correct form of the verb " start" in past simple tense form and the result shows that a bit more than two thirds of the students have chosen the correct answer which is "started" .

c.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
3	50	8	42	16%	84%

In question 3 students got only 8 correct answers versus 42 , with percentage 16% and 84% respectively .

The question requires from the students to choose the correct form of the gerund out of the verb "begin" it supposed that the students should have chosen the correct form "beginning" with double letter "n" as it preceded by the vowel letter "i" , but unfortunately as we have seen above only a very small minority succeeded in answering the correct answer , more exercise is required to eliminate such difficulties .

d.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
4	50	17	33	34%	66%

In the forth point , students got 17 correct answers and 33 wrong answers with percentages 34% and 66% respectively . It is obvious that students have clear problem in changing the final letter "y" of the nouns into the letter "i" and then adding the letters "es" in making plural nouns which end with the letter "y" preceded by any consonant letter. The correct answer is supposed to be "countries" .

e.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
5	50	34	16	68%	32%

The result of question five is identical to question two , the students correct answers are the majority as they got 34 with percentages 68% versus 16 wrong answers which constitutes 32% . This question asks the students to choose the correct form of the verb " play" in past simple tense form and the result shows that a bit more than two thirds of the students have chosen the correct answer which is "played " as it doesn't require changing the letter "y" into the letter "i" because the final letter "y" is preceded by the vowel letter "a".

f.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
6	50	27	23	54%	46%

A bit more than the half of the answers are correct i.e 27 against 23 (54% - 46%) It is also obvious that students have clear problem in changing the final letter "y" of the verbs into the letter "i" and then adding the letters "ed" in making the past simple tense of the verbs which end with the letter "y" preceded by any consonant letter. The correct answer is supposed to be "cried" .

g.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
7	50	17	33	34%	66%

In the seventh point the result is identical to the result of question four , students got 17 correct answers and 33 wrong answers with percentages 34% and 66% respectively . It shows that some students have over generalized the rule of the past simple verbs which end in the letter "y" preceded by consonant such as "cry" which becomes "cried" , but the case of progressive form of this question which doesn't require the change of the letter "y" rather than just adding the affix "-ing" directly in order to be " praying" .

h.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
8	50	1	49	2%	98%

In the eighth question students wrong answers are overwhelmingly great i.e 49 answers which constitute 98% against only 1 answers which constitute 2%.

The verb "carry" has the same nature as the verb "pray" in the seventh point when it comes to the rule application , it makes no difference in case of adding "-ing" affix for progressive tense , whether the verb is preceded by a vowel or consonant . The result has shown that only one student answered the correct answer i.e "carrying" .

i.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
9	50	13	37	26%	74%

In the question number nine students wrong answers are dramatically big i.e 37 answers which constitute 74% against only 13 correct answers which constitute 37%.

This result shows that although the correct answer is repeated twice i.e the noun "difference" but the many students have chosen the adjective "different" and many others have chosen the misspelled one which is "differentce" instead . It may also due to misunderstanding the use of correct part of the speech in the right position .

k.

Question No	No of the students	Students correct Answers	Students wrong Answers	Percentage of correct Answers	Percentage of wrong Answers
10	50	11	39	22%	78%

The tenth question has also very big majority wrong answers as question nine . The students got 11 correct answers versus 39 wrong answers with the percentage (22% and 78%) respectively .

The result seems to be quite reasonable since the verb "forbid" and its past participle form aren't common in spine 4 and 5 . the students should have chosen the correct past participle of the verb " forbid" which is " forbidden" rather than

"forbiden" with one letter "d" or the noun "forbiddance" or the infinitive form "forbid" because of the nature of the sentence i.e passive voice sentence.