

5. Mark chooses a letter at random from each of the two words 'UNITY' and 'TUNA'.

(a) List all the possible outcomes in the following table.

(2 marks)

	2 nd letter	T	U	N	A
1 st letter					
U					
N					
I					
T					
Y					

(b) Find the probabilities that the two letters chosen are

(i) the same,

(2 marks)

(ii) both vowels (i.e. A, E, I, O, U).

(2 marks)

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6. The table shows the scores (in marks) of a candidate for a job in four aspects. It is given that the weighted mean score of the candidate is 67.5 marks. Find the value of w .

(3 marks)

	Academic Results	Aptitude Test Result	Interview Performance	Work Experience
Score (marks)	60	65	80	70
Weight	w	2	2	1

/3

7. The following table shows the numbers of dolls sold by a toy shop each day last month.

Number of dolls sold	0	1	2	3	4	30
Frequency	1	6	10	7	4	2

Find the mean, the median and the mode of the above data.

(4 marks)

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