

Template Five

Question One

The following paragraphs are translated to each other in Arabic and English, read and answer the questions below.

من اكثر الامراض اصابة لمحصول القمح في مصر هي نقص المنجنيز وصدأ الاوراق والبياض الدقيقى. وتكون اعراض نقص المنجنيز هي اصفرار الاوراق ونحافة الساق بالاضافة الى موت السنابل اما بالنسبة لمرض صدأ الاوراق فتكون الاوراق ذابلة والساق حمراء والسنابل فارغة من الحبوب و بالنسبة لمرض البياض الدقيقى فيكسو اللون الابيض كل النبات (الورق والساق والسنابل).

The most diseases that infect wheat crop in Egypt are the Manganese deficiency, leaf rust and powdery mildew. The " Manganese deficiency" symptoms are yellowing of leaves and Thinness of the stem in addition to the death of spikes. As for "leaf rust" disease, the leaves will be wilted, stem turn red and the spikes become empty of grains. As well for the "powdery mildew" disease the white color will cover the whole plant (leaves, stem, and spike).

- Extract the knowledge from the previous paragraph in concepts, property, and value formats. (See the table 1, 2).
- Extract the source of value for each property and if its type is either single or multiple.

Concept	Property	Values	S.O.V	s/m

Table 1

Rhs				Lhs			
Concept	Property	Operators	value	Concept	property	Operators	value

Table 2