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**Question 24** (6 marks)

(a) Using an example, describe the primary function of the following additives.

(i) Emulsifiers

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Emulsifiers are used to stop mixtures from separating for example adding eggs to mayonnaise helps to bind the ingredients together so they don't split.

(ii) Humectants

2

Humectants are additives used to absorb moisture in products. For example sulfur dioxide 220 used in many food products.

(b) What are the advantages of using an additive code numbering system in food labelling?

2

The advantages of code numbering systems are that they are easier to <sup>remember</sup> identify ~~and~~ and aren't as long as some additive names. This makes it easier for consumer to identify additives in products particularly if they are allergic to them.