

## Homework 11.4

1. **Answer** the following questions on proteins.

a) Protein in our diet provides materials for .....

(1)

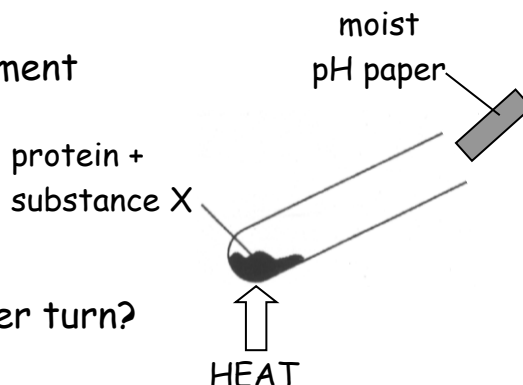
b) Proteins can be detected by the experiment shown opposite.

i. What is the name of substance X?

.....

ii. What colour does the moist pH paper turn?

.....



(1)

(1)

c) Proteins are made from which 4 elements?

..... , ..... , ..... and .....

(4)

d) ..... join together to make proteins.

(1)

e) When protein breaks down into smaller molecules in our stomach, this process is known as .....

(1)

2. **Answer** the following questions on fibre and vitamins.

a) Fibre keeps the gut working well, preventing .....

(1)

b) Vitamins are ..... carbon compounds which help keep the body healthy.

(1)

3. **Complete** the following table.

Food Additive	Reason For Use
a) .....	alters the flavour of food
b) .....	alters the appearance of food
c) .....	supplies or enhances the nutritional value of food
d) .....	improve the keeping qualities of food

(4)

total  
15