The City School

North Nazimabad boys campus

Biology Reinforcement Worksheet Grade 11

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Section: \_\_\_\_\_\_Date: \_\_\_\_\_\_\_\_\_\_

**1 (a)** Describe how you would test a food sample for the presence of each of the following, giving full experimental details.

**(i)** starch ................................................................................................................................

...........................................................................................................................................

...........................................................................................................................................

.......................................................................................................................................[2]

**(ii)** reducing sugars .................................................................................................................

...........................................................................................................................................

...........................................................................................................................................

...........................................................................................................................................

...........................................................................................................................................

.......................................................................................................................................[3]

**(b)** Table 1.1 gives information about the composition of some foods.

 **Table 1.1**



**(i)** Using the information in Table 2.1, state the relationship between the fat content and the

energy content of these foods.

...........................................................................................................................................

...........................................................................................................................................

.......................................................................................................................................[1]

**(ii)** Calculate the protein content of 250 g of cooked chicken.

Show your working.

..............................................................g

[2]

**(iii)** Calculate the mass of boiled peas that you would need to eat to obtain the same mass of

protein as in 100 g of cooked chicken.

Show your working.

..............................................................g

[2]

[Total: 10]