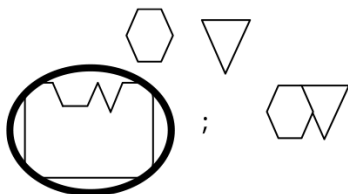


01. 0610\_p20\_MS\_30 Q: 4

(a)



allow: labels on enzyme or on label line to enzyme

[1]

(b) (i) speeds up / increases the rate of a chemical reaction;

is not changed by the reaction / owtte;

[2]

(ii) without enzymes reactions would be too slow to sustain life / owtte;

[1]

02. 0610\_m18\_MS\_32 Q: 6

	Answer	Mark	Partial Marks
	amino acids ; biological ; temperature ; protease ; bacteria ; amylase ; lipase ;	7	

03. 0610\_w16\_MS\_33 Q: 5

	Answer	Mark	Partial Marks
(a)	biological catalyst; made of protein;	2	
(b)	amylase – starch; protease / pepsin – protein; lipase – fats;	1	
(c)	(enzymes) are specific / have a complementary shape; there are many different, foods / nutrients / substrates, to break down;	2	
		Total: 5	