

Multiple Choice Answers

Q20: D

Multiple Choice Answers

Q23: B

Q24: B

Multiple Choice Answers

Q23: C

Multiple Choice Answers

Q25: D

Multiple Choice Answers

Q25: A

- | | |
|------|---|
| 3(a) | pancreas ;
liver ;
glycogen ;
negative <u>feedback</u> / homeostasis ; |
|------|---|

3(b)

any two from:

- 1 monitoring blood glucose ;
- 2 insulin, injections / pump ;
- 3 artificial pancreas ;
- 4 counting carbohydrates (in diet) ;
- 5 matching, food / carbohydrate, intake to activity ;
- 6 keeping a healthy weight ;
- 7 pancreas / islet cell, transplant ;
- 8 AVP ;

3(c)

(-)43(%) ;;;

3(d)

any three from:

- 1 (adrenaline) causes the, breakdown / conversion, of, glycogen / stored carbohydrate ;
- 2 increasing (blood) glucose concentration ;
- 3 glucose used in respiration releasing energy ;
- 4 energy used for muscle contraction ;
- 5 AVP ;