

## Objective Questions

## Soalan Objektif

- 1 Which of the following treatment is suitable for patient with diabetes mellitus?  
*Antara berikut, rawatan yang manakah sesuai untuk pesakit diabetes mellitus?*
  - A Injection of insulin  
*Suntikan insulin*
  - B Injection of glucagon  
*Suntikan glukagon*
  - C Increased intake of vitamin C  
*Meningkatkan pengambilan vitamin C*
  - D Decreased intake of vitamin C  
*Mengurangkan pengambilan vitamin C*
- 2 The following symptoms are caused by the lack of hormone Y in the body.  
*Berikut adalah gejala-gejala yang disebabkan oleh kekurangan hormon Y dalam badan.*
  - Low heartbeat  
*Denyutan jantung rendah*
  - Low metabolism rate  
*Kadar metabolisme rendah*

What is hormone Y?  
*Apakah hormon Y?*

  - A Insulin  
*Insulin*
  - B Thyroxine  
*Tiroksina*
  - C Adrenaline  
*Adrenalina*
  - D Growth hormone  
*Hormon pertumbuhan*
- 3 Which of the following statements is correct about gigantism?  
*Antara pernyataan berikut, yang manakah benar mengenai keergasian?*
  - A Too much growth hormone is produced  
*Terlalu banyak hormon pertumbuhan dihasilkan*
  - B Too little growth hormone is produced  
*Terlalu sedikit hormon pertumbuhan dihasilkan*
  - C Too much thyroxine is produced  
*Terlalu banyak tiroksina dihasilkan*
  - D Too little thyroxine is produced  
*Terlalu sedikit tiroksina dihasilkan*
- 4 Cretinism can be prevented by adding small amount of iodine in the food. What is the possible cause of cretinism?  
*Kretinisme boleh dicegah dengan menambahkan jumlah iodin dalam makanan. Apakah sebab yang mungkin bagi kretinisme?*
  - A Too little thyroxine  
*Tiroksina terlalu sedikit*
  - B Too much thyroxine  
*Tiroksina terlalu banyak*
  - C Too little adrenaline  
*Adrenalina terlalu sedikit*
  - D Too much insulin  
*Insulin terlalu banyak*

**Structured Questions**  
**Soalan Struktur**

- 1 Complete the table below.  
*Lengkapkan jadual di bawah.*

| Hormones<br><i>Hormon</i>                          | Effects of hormonal imbalance<br><i>Kesan ketidakseimbangan hormon</i> |                                   |
|----------------------------------------------------|------------------------------------------------------------------------|-----------------------------------|
|                                                    | Too little<br><i>Terlalu sedikit</i>                                   | Too much<br><i>Terlalu banyak</i> |
| Growth hormone<br><i>Hormon pertumbuhan</i>        |                                                                        |                                   |
| Thyroxine<br><i>Tiroksina</i>                      |                                                                        |                                   |
| Insulin<br><i>Insulin</i>                          |                                                                        |                                   |
| Antidiuretic hormone<br><i>Hormon antidiuresis</i> |                                                                        |                                   |

- 2 Diabetes is a disease that affects the way the body controls the level of glucose in the blood. There are two types of diabetes mellitus—Type I Diabetes and Type II Diabetes.  
*Diabetes ialah penyakit yang menjejaskan cara badan mengawal aras glukosa dalam darah. Terdapat dua jenis diabetes mellitus iaitu Diabetes Jenis I dan Diabetes Jenis II.*
- (a) State the comparison between these two types of diabetes.  
*Nyatakan perbandingan antara dua jenis diabetes tersebut.*

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- (b) Suggest the suitable treatment for each type of diabetes mentioned above.  
*Cadangkan rawatan yang sesuai bagi setiap jenis diabetes yang dinyatakan di atas.*

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