1. Which of these hormones are steroid hormones?
   1. T4
   2. Vasopressin
   3. **Aldosterone**
   4. Noradrenaline
   5. Growth hormone
2. Which gland is connected to the hypothalamus by the neurohypophysial portal system?
   1. Amygdala
   2. Posterior Pituitary
   3. **Anterior Pituitary**
   4. Prefontal Cortex
   5. Adrenal
3. Which hormone is released from the adrenal medulla?
   1. Adrenaline
   2. Cortisol
   3. Parathyroid hormone
   4. Testosterone
   5. **Aldosterone**
4. How do glucocorticoids regulate blood glucose levels?
   1. Promoting glucose uptake into muscle
   2. **Induce liver gluconeogenesis**
   3. Inhibiting lipolysis
   4. Inhibit glycogenolysis in the liver
   5. Inhibiting liver glucose production
5. Which hormone increases appetite?
   1. Leptin
   2. Insulin
   3. Vasopressin
   4. **Ghrelin**
   5. PYY
6. Why is leptin ineffective for most obese patients?
   1. Patients are insulin resistant
   2. **Patients are hyperleptinemic and leptin resistant**
   3. Patients are hypoleptinemic and leptin resistant
   4. Obese patients have reduced fat mass
   5. Obese patients are hyperglycemic