

Endocrine System Flashcards PDF

Endocrine System Flashcards PDF

Disclaimer: The endocrine system flashcards pdf was generated with the help of StudyBlaze AI. Please be aware that AI can make mistakes. Please consult your teacher if you're unsure about your solution or think there might have been a mistake. Or reach out directly to the StudyBlaze team at max@studyblaze.io.

What is the primary function of the endocrine system?

The primary function of the endocrine system is to regulate various bodily functions through the release of hormones.

Name the major glands of the endocrine system.

The major glands of the endocrine system include the pituitary gland, thyroid gland, adrenal glands, pancreas, and gonads (ovaries and testes).

What hormone is produced by the pancreas to lower blood sugar levels?

Insulin is the hormone produced by the pancreas to lower blood sugar levels.

Which gland is often referred to as the 'master gland' of the endocrine system?

The pituitary gland is often referred to as the 'master gland' of the endocrine system because it regulates the functions of other glands.

What is the role of the thyroid gland?

The thyroid gland regulates metabolism, energy generation, and growth and development through the production of thyroid hormones.

What hormone is responsible for the fight or flight response?

Adrenaline (epinephrine) is the hormone responsible for the fight or flight response.

How do hormones travel through the body?

Hormones travel through the body via the bloodstream.

What is the function of the adrenal glands?

The adrenal glands produce hormones that help regulate metabolism, immune response, blood pressure, and stress response.

What is the difference between endocrine and exocrine glands?

Endocrine glands release hormones directly into the bloodstream, while exocrine glands secrete substances through ducts to the outside of the body or into the digestive system.

What is the role of the hypothalamus in the endocrine system?

The hypothalamus links the nervous system to the endocrine system and regulates the pituitary gland's release of hormones.