

Roots, suffixes, and prefixes

Most medical terms are comprised of a root word plus a suffix (word ending) and/or a prefix (beginning of the word). Please find the appropriate meaning for each of the following medical terms related to the Endocrine System .

<i>Terms</i>	<i>Meanings</i>
Muscular A trophy	secreting outwardly or away from
Aden oma	excessive blood sugar levels
Endo crine	inflammation of many glands
Exo crine	Secreting within
Hyper glyc aemia	'wasting away' of muscles
Para thyroid	tumour with gland like structure
Poly adenitis	secreting outwardly or away from
Thyro aplasia	excessive growth of an organ or part
Endo crine	defective growth of the thyroid
Hypert ro phy	beside the thyroid
Hepato megaly	within / secrete

<i>Prefix / suffix</i>	<i>meaning</i>
A-, AN-	without, lack
ADEN-	gland
END-, Endo-	within
EXO-	awayfrom
GLYCO-, GLUCO-	sugar, sweet
PARA-	near, beside
POLY-	much, many
THYRO-	thyroid
-CRINE	to secrete
-TROPHY	growth
-MEGALY	enlargement
-PHYSIS	growth

muscular atrophy = 'wasting away' of muscles

adenoma = tumour with gland like structure

endocrine = secreting within

exocrine = secreting outwardly or away from

hyperglycaemia = excessive blood sugar levels

parathyroid = beside the thyroid

polyadenitis = inflammation of many glands

thyroaplasia = defective growth of the thyroid

endocrine = endo (within) crine (secrete)

hypertrophy = excessive growth of an organ or part

hepatomegaly = enlarged liver with hepatitis

Select one answer for each of the following questions

Question 1 : Thyroid stimulating hormone is secreted by which gland?

- the pituitary gland
- the hypothalamus
- the pancreas

Question 2 : Where is testosterone produced?

- the thyroid gland
- the testes
- the ovaries

Question 3 : How do hormones in the endocrine system move around the body?

- via the circulatory system
- through ducts at target sites
- via the nervous system

Question 4 : Where are the adrenal glands located?

- on top of the kidneys
- underneath the kidneys
- next to the pancreas

Question 5 : Adrenaline is secreted from ...

- the salivary glands
- the adrenal glands
- the parathyroid glands

Question 6 : Where is the pituitary gland located?

- in the gonads

- in the brain
- in the throat

Question 7 : What is the name given to absolute insulin deficiency?

- type 1 diabetes mellitus
- type 2 diabetes mellitus
- hyperthyroidism

Question 8 : Which hormone increases blood glucose levels?

- insulin
- antidiuretic hormone
- glucagon

Question 9 : Where are the parathyroid glands located?

- in front of the thyroid gland
- in the brain
- behind the thyroid gland

Question 10 : What type of hormone is testosterone?

- a steroid hormone
- a protein hormone
- a neurotransmitter