



BIOLOGY

BOOKS - ICSE

ENDOCRINE SYSTEM AND ADOLESCENCE

Review Questions Multiple Choice Questions

1. Cortisone hormone is secreted by:

A. Medulla of adrenal

B. Cortex of adrenal

C. Pancreas

D. Thyroid

Answer:



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2. The hormone that helps in the conversion of glucose to glycogen is

A. Insulin

B. Adrenaline

C. Glucagon

D. Thyroxine

Answer:



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3. Which one of following hormones converts excess of glucose into glycogen ?

A. Glucagon

B. Thyroxine

C. Insulin

D. Adrenaline

Answer:



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4. Which one of the following glands is also called the master gland?

A. Pituitary gland

B. Adrenal gland

C. Thyroid gland

D. Ovary

Answer:



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5. The emergency hormone of face the danger or to fight is secreted by :

A. Islets of Langerhans

B. Adrenal cortex

C. Pituitary

D. Adrenal medulla

Answer:



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6. Which one of following endocrine glands produces its hormone in large quantities as a result of emotional stimulation ?

A. Throid

B. Islets of Langerhans

C. Adrenal medulla

D. Adrenal cortex

Answer:



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7. In humans, increased thyroxine production result in :

A. Increased metabolism

B. Decreased metabolism

C. Dwarfism

D. Cretinism

Answer:



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Review Questions Short Answer Questions

1. What is a hormone ?

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2. Match the items in Column A with those in Column B.

S. No	Name of the gland	Hormone produced	Function
1.	Thyroid
2.	Insulin
3.	Prepares the body for action
4.	Growth hormone

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3. In table given below, fill in the blanks by naming endocrine glands, the hormones they secrete, and the function they perform in a normal person.

S. No	Name of the gland	Hormone produced	Function
1.	Thyroid
2.	Insulin
3.	Prepares the body for action
4.	Growth hormone



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4. Name the source and the function of each of the following hormones:

	Hormone	Source	Function
(a)	Glucagon
(b)	Thyroxine
(c)	Adrenaline
(d)	Insulin
(e)	Cortisone

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Review Questions Long Answer Questions

1. Differentiate between Exocrine and endocrine glands

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2. Why is pituitary gland called the "master gland" ?



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3. Briefly write about the importance of physical hygiene during adolescence.



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4. Briefly discuss any four activities which can be practised to overcome stress.



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