Endocrine System Worksheet

1. What is the function of the endocrine system?

2. What is a hormone?

3. How does the negative-feedback mechanism work?

4. How do the hormones released by the endocrine glands get around the body?

5. Two of the hormones secreted by the pancreas are insulin and glucagon. These hormones work together to maintain a balanced blood sugar level. How do they do that?

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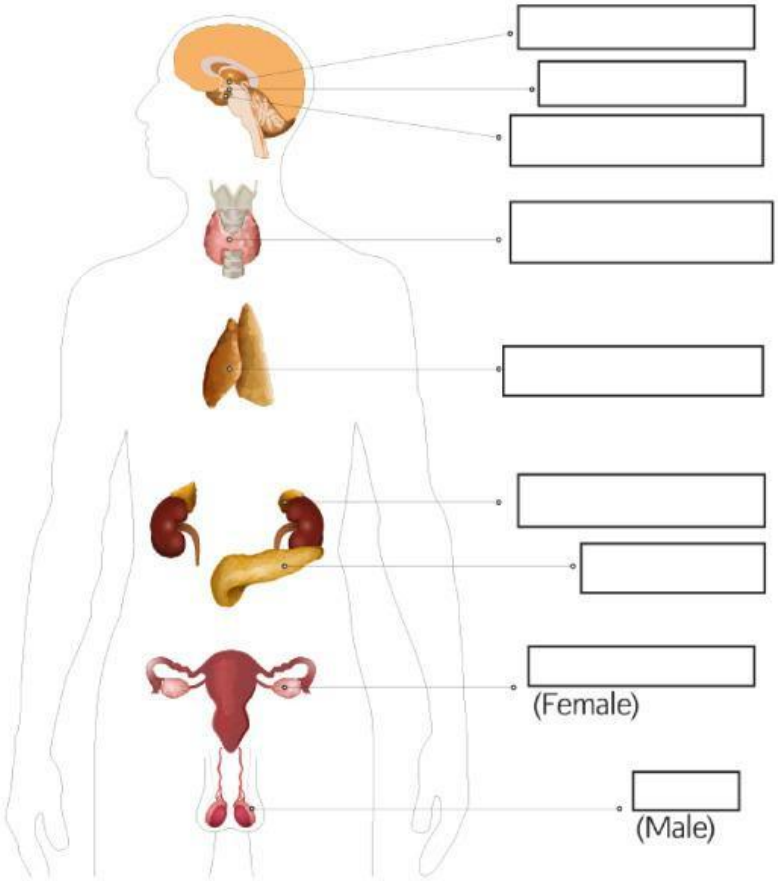
6. Label the following diagram of the endocrine system with the words in the box.



Adrenal glands	Pancreas	Testes
Hypothalamus	Pineal gland	Thymus
Ovary glands	Pituitary gland	Thyroid

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8. Match the functions described in column B with the endocrine gland listed in column A.

Column A	Column B
Hypothalamus _____	1. produces male sex characteristics
Pituitary _____ , _____	2. decreases blood sugar level
Thyroid _____ , _____	3. increases heart and breathing rate, raises blood pressure
Thymus _____	4. produces female sex characteristics
Adrenals _____	5. increases blood sugar level
Pancreas _____ , _____	6. regulates the level of calcium and phosphorus
Ovaries _____	7. increases rate of metabolism
Testes _____	8. maintains the level of calcium and phosphorus in the blood
Parathyroids _____	9. development of immune system
	10. stimulates skeletal growth
	11. regulates the activities of other glands
	12. stimulates development of male and female sex organs

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