

CHAPTER 7

Question 1: The gap between two neurons is called:

- a) Synapse
- b) Axon
- c) Dendrite
- d) Myelin sheath

Answer: a) Synapse

Question 2: The chemical messenger released by the endocrine glands is called:

- a) Hormone
- b) Neurotransmitter
- c) Neuron
- d) Synapse

Answer: a) Hormone

Question 3: Which of the following is NOT a part of the human nervous system?

- a) Brain
- b) Spinal cord
- c) Nerves
- d) Pancreas

Answer: d) Pancreas

Question 4: Which of the following is NOT a part of the human endocrine system?

- a) Pituitary gland
- b) Thyroid gland
- c) Adrenal gland
- d) Lungs

Answer: d) Lungs

Question 5: The hormone responsible for the regulation of blood sugar level is:

- a) Insulin
- b) Glucagon
- c) Adrenaline
- d) Testosterone

Answer: a) Insulin

Question 6: The hormone responsible for the regulation of the sleep-wake cycle is:

- a) Melatonin
- b) Adrenaline
- c) Insulin
- d) Testosterone

Answer: a) Melatonin

Question 7: The hormone responsible for the regulation of the body's response to stress is:

- a) Adrenaline
- b) Insulin
- c) Melatonin
- d) Testosterone

Answer: a) Adrenaline

Question 8: The hormone responsible for the regulation of the calcium level in the body is:

- a) Thyroxin
- b) Adrenaline
- c) Insulin
- d) Parathormone

Answer: d) Parathormone

Question 9: The part of the brain responsible for the regulation of body temperature is:

- a) Cerebrum
- b) Cerebellum
- c) Hypothalamus

d) Medulla oblongata

Answer: c) Hypothalamus

Question 10: The part of the brain responsible for the coordination of voluntary movements is:

a) Cerebrum

b) Cerebellum

c) Hypothalamus

d) Medulla oblongata

Answer: b) Cerebellum
Question 11: The part of the brain responsible for the regulation of heart rate and blood pressure is:

A) Cerebrum

b) Cerebellum

c) Hypothalamus

d) Medulla oblongata

Answer: d) Medulla oblongata

Question 12: The hormone responsible for the development of male secondary sexual characters is:

a) Testosterone

b) Progesterone

c) Oestrogen

d) Insulin

Answer: a) Testosterone

Question 13: The hormone responsible for the development of female secondary sexual characters is:

a) Testosterone

b) Progesterone

c) Oestrogen

d) Insulin

Answer: c) Oestrogen

Question 14: The hormone responsible for the regulation of the menstrual cycle is:

- a) Testosterone
- b) Progesterone
- c) Oestrogen
- d) Insulin

Answer: b) Progesterone

Question 15: The hormone responsible for the regulation of the growth and development of the body is:

- A) Thyroxin
- b) Adrenaline
- c) Melatonin
- d) Testosterone

Answer: a) Thyroxin

Question 16: The hormone responsible for the regulation of the body's response to stress is:

- a) Adrenaline
- b) Insulin
- c) Melatonin
- d) Testosterone

Answer: a) Adrenaline

Question 17: The part of the human nervous system responsible for the control of voluntary movements is:

- a) Autonomic nervous system
- b) Central nervous system
- c) Peripheral nervous system
- d) Somatic nervous system

Answer: d) Somatic nervous system

Question 18: The part of the human nervous system responsible for the control of involuntary actions is:

- a) Autonomic nervous system
- b) Central nervous system
- c) Peripheral nervous system
- d) Somatic nervous system

Answer: a) Autonomic nervous system

Question 19: The hormone responsible for the regulation of the body's response to long-term stress is:

- A) Adrenaline
- b) Insulin
- c) Melatonin
- d) Cortisol

Answer: d) Cortisol

Question 20: The hormone responsible for the regulation of the body's response to short-term stress is:

- A) Adrenaline
- b) Insulin
- c) Melatonin
- d) Cortisol

Answer: a) Adrenaline

Question 21: The hormone that regulates the amount of glucose in the blood is:

- a) Adrenaline
- b) Insulin
- c) Melatonin
- d) Thyroxin

Answer: b) Insulin

Question 22: The hormone that regulates the concentration of calcium in the blood is:

- a) Adrenaline
- b) Insulin

- c) Melatonin
- d) Parathormone

Answer: d) Parathormone

Question 23: The part of the human brain responsible for the coordination of muscle movements is:

- A) Cerebrum
- b) Cerebellum
- c) Hypothalamus
- d) Medulla oblongata

Answer: b) Cerebellum

Question 24: The hormone that regulates the sleep-wake cycle is:

- a) Adrenaline
- b) Insulin
- c) Melatonin
- d) Thyroxin

Answer: c) Melatonin

Question 25: The hormone that stimulates milk production in lactating mothers is:

- a) Adrenaline
- b) Insulin
- c) Melatonin
- d) Prolactin

Answer: d) Prolactin

Question 26: The part of the human brain responsible for the regulation of body temperature is:

- A) Cerebrum
- b) Cerebellum
- c) Hypothalamus
- d) Medulla oblongata

Answer: c) Hypothalamus

Question 27: The hormone that stimulates the development of eggs in females is:

- a) Luteinizing hormone
- b) Follicle-stimulating hormone
- c) Oestrogen
- d) Progesterone

Answer: b) Follicle-stimulating hormone

Question 28: The hormone that stimulates the production of testosterone in males is:

- a) Luteinizing hormone
- b) Follicle-stimulating hormone
- c) Oestrogen
- d) Progesterone

Answer: a) Luteinizing hormone

Question 29: The hormone that stimulates the contraction of the uterus during childbirth is:

- a) Oxytocin
- b) Prolactin
- c) Thyroxin
- d) Insulin

Answer: a) Oxytocin

Question 30: The hormone that stimulates the growth of the ovarian follicle in females is:

- a) Luteinizing hormone
- b) Follicle-stimulating hormone
- c) Oestrogen
- d) Progesterone

Answer: b) Follicle-stimulating hormone

Question 31: The part of the human brain that controls the involuntary activities of the body such as breathing and heartbeat is:

- A) Cerebrum
- b) Cerebellum
- c) Hypothalamus
- d) Medulla oblongata

Answer: d) Medulla oblongata

Question 32: The hormone that regulates the metabolism of the body is:

- a) Adrenaline
- b) Insulin
- c) Melatonin
- d) Thyroxin

Answer: d) Thyroxin

Question 33: The hormone that stimulates the reabsorption of water in the kidneys is:

- a) Adrenaline
- b) Insulin
- c) Melatonin
- d) Antidiuretic hormone

Answer: d) Antidiuretic hormone

Question 34: The hormone that stimulates the growth of bones and muscles in the body is:

- a) Adrenaline
- b) Insulin
- c) Growth hormone
- d) Thyroxin

Answer: c) Growth hormone

Question 35: The hormone that stimulates the production of red blood cells in the bone marrow is:

- a) Adrenaline
- b) Insulin

c) Erythropoietin

d) Thyroxin

Answer: c) Erythropoietin

Question 36: The hormone that stimulates the development of male secondary sexual characters is:

a) Luteinizing hormone

b) Follicle-stimulating hormone

c) Oestrogen

d) Testosterone

Answer: d) Testosterone

Question 37: The hormone that stimulates the development of female secondary sexual characters is:

a) Luteinizing hormone

b) Follicle-stimulating hormone

c) Oestrogen

d) Progesterone

Answer: c) Oestrogen

Question 38: The hormone that stimulates the breakdown of glycogen into glucose in the liver is:

a) Adrenaline

b) Insulin

c) Melatonin

d) Glucagon

Answer: d) Glucagon

Question 39: The hormone that stimulates the production of sperm in males is:

a) Luteinizing hormone

b) Follicle-stimulating hormone

- c) Oestrogen
- d) Progesterone

Answer: b) Follicle-stimulating hormone

Question 40: The part of the human brain that controls the balance and posture of the body is:

- a) Cerebrum
- b) Cerebellum
- c) Hypothalamus
- d) Medulla oblongata

Answer: b) Cerebellum

Question 41: The hormone that regulates the menstrual cycle in females is:

- a) Luteinizing hormone
- b) Follicle-stimulating hormone
- c) Oestrogen
- d) Progesterone

Answer: d) Progesterone

Question 42: The hormone that regulates the amount of sugar in the blood is:

- a) Adrenaline
- b) Insulin
- c) Melatonin
- d) Glucagon

Answer: b) Insulin

Question 43: The hormone that stimulates the contraction of the uterus during childbirth is:

- a) Luteinizing hormone
- b) Follicle-stimulating hormone
- c) Oxytocin
- d) Progesterone

Answer: c) Oxytocin

Question 44: The hormone that is responsible for the development of the mammary glands in females is:

- a) Luteinizing hormone
- b) Follicle-stimulating hormone
- c) Oestrogen
- d) Prolactin

Answer: d) Prolactin

Question 45: The hormone that stimulates the production of milk in the mammary glands of females is:

- a) Luteinizing hormone
- b) Follicle-stimulating hormone
- c) Oxytocin
- d) Progesterone

Answer: c) Oxytocin

Question 46: The hormone that stimulates the conversion of glycogen into glucose in the liver is:

- a) Adrenaline
- b) Insulin
- c) Melatonin
- d) Glucagon

Answer: d) Glucagon

Question 47: The hormone that stimulates the development of the corpus luteum in females is:

- a) Luteinizing hormone
- b) Follicle-stimulating hormone
- c) Oestrogen
- d) Progesterone

Answer: a) Luteinizing hormone

Question 48: The hormone that stimulates the production of digestive juices in the stomach is:

- a) Adrenaline
- b) Gastrin
- c) Melatonin
- d) Glucagon

Answer: b) Gastrin

Question 49: The hormone that stimulates the reabsorption of water from the kidneys is:

- a) Adrenaline
- b) Insulin
- c) Melatonin
- d) Antidiuretic hormone (ADH)

Answer: d) Antidiuretic hormone (ADH)

Question 50: The hormone that regulates the sleep-wake cycle in humans is:

- a) Adrenaline
- b) Insulin
- c) Melatonin
- d) Glucagon

Answer: c) Melatonin