

MY SO PRACTICE TEST

DIVISION B - MIDDLE SCHOOL, GRADES 6-9

PRACTICE TEST

Instructions

- You have 50 minutes to complete this test.
- You may write your answers directly in the test.
- You may use any notes or resources you have created or collected.
- You may use a calculator and scratch paper if necessary.
- Good Luck!

Test Questions

1. The somatic nervous system carries messages to and from your
 - a. Heart
 - b. Lungs
 - c. Small Intestine
 - d. Senses
2. The autonomic nervous system carries messages to and from your -
 - a. Ears
 - b. Eyes
 - c. Heart
 - d. Tongue
3. The brain is protected by the
 - a. Collar bone
 - b. Ribcage
 - c. Skull
 - d. Vertebra
4. Which of the following is not part of the brain?
 - a. Brain Stem
 - b. Cerebellum
 - c. Cerebrum
 - d. Cavity

5. What is the function of the frontal cerebrum?
 - a.auditory, memory
 - b.movement, balance
 - c.reasoning, planning
 - d.visual processing
6. What is the function of the parietal cerebrum?
 - a.auditory, memory
 - b.movement, balance
 - c.reasoning, planning
 - d.visual processing
7. What is the function of the occipital cerebrum?
 - a.auditory, memory
 - b.movement, balance
 - c.reasoning, planning
 - d.visual processing
8. What is the function of the temporal cerebrum?
 - a.auditory, memory
 - b.movement, balance
 - c.reasoning, planning
 - d.visual processing
9. The largest part of the brain is made up of _____ lobes.
 - a.2
 - b.3
 - c.4
 - d.5
10. Specialized cells that carry messages through an electrochemical process are
 - a.Brain stem
 - b.Cerebellum
 - c.Neurons
 - d.Senses
11. The part of the endocrine system is sometimes called the master gland.
 - a.Pancreas
 - b.Pituitary
 - c.Thymus
 - d.Thyroid
12. This part of the endocrine system regulates metabolism in the body and is shaped like a butterfly.
 - a.Pancreas
 - b.Pituitary
 - c.Thymus
 - d.Thyroid

13. This part of the endocrine system affects people with diabetes by under or over stimulating the production of insulin.
- Pancreas
 - Pituitary
 - Thymus
 - Thyroid
14. This part of the endocrine system will go into action when the body is under great stress.
- Adrenal
 - Hypothalamus
 - Pancreas
 - Thymus
15. This part of the endocrine system is different in male and female and influences sexual development.
- Pancreas
 - Reproductive
 - Thymus
 - Thyroid
16. This part of the endocrine system is only active until puberty.
- Pancreas
 - Pituitary
 - Thymus
 - Thyroid
17. This part of the endocrine system looks like a pine cone and regulates sleep patterns.
- Pancreas
 - Pineal
 - Thymus
 - Thyroid
18. This part of the endocrine system coordinates between the nervous system and the endocrine system?
- Adrenal
 - Hypothalamus
 - Pancreas
 - Thymus
19. The endocrine system is made up of a group of cells that monitor the blood stream for chemical imbalance and produce and release hormones. These are called:
- Glands
 - Neurons
 - Receptors
 - Red blood cells
20. Hormones are released by this type of gland
- Endocrine
 - Pineal
 - Thymus
 - Thyroid

21. Which of these is not a sense organ?
- a. Hearing
 - b. Smelling
 - c. Tasting
 - d. Touching
 - e. None of these
22. Red-green color blindness is caused by:
- a. A birth defect
 - b. A deficiency of Vitamin A
 - c. A larger number of rod cells
 - d. A sex-linked gene
23. Which type of sensory receptor is stimulated by changes in pressure or movement?
- a. Chemoreceptors
 - b. Mechanoreceptors
 - c. Photoreceptors
 - d. Thermoreceptors
 - e. None of these
24. Which is not part of the central nervous system?
- a. Backbone
 - b. Brain
 - c. Neurons
 - d. Spinal Cord
25. What is included in the peripheral nervous system?
- a. Brain and spinal cord
 - b. Nerves to the body and central nervous system
 - c. Somatic and autonomic nervous systems
 - d. Spinal cord and nerves to the body

ANSWER KEY

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|-----|----------|-----|-------------|
| 1. | D | 15. | B |
| 2. | C | 16. | C |
| 3. | C | 17. | B |
| 4. | D | 18. | B |
| 5. | C | 19. | A |
| 6. | B | 20. | A |
| 7. | D | 21. | E |
| 8. | A | 22. | D |
| 9. | C | 23. | B, C |
| 10. | C | 24. | A |
| 11. | B | 25. | C |
| 12. | D | | |
| 13. | A | | |
| 14. | A | | |