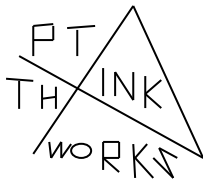


Name: _____
School: _____
Grade: 4 th 5 th



Elementary General Science #3

March 2, 2013

General Directions

This test will last for 40 minutes. There are 50 problems on the test.

Write all answers on your scantron answer sheet using a pencil.

You may write on the test and show work on the test. You are not required to show any of your work or calculations.

You may skip around on the test. All problems have only one correct answer.

Calculators may NOT be used on this test.

Scoring: All problems correctly answered are worth 5 points. Two points will be subtracted for all problems answered incorrectly. No points are subtracted for problems that are skipped.

Tiebreakers: (1) Percent accuracy (2) First problem missed (not counting skips).

Elementary Science #3
March 2, 2013

General Science Test – 4th and 5th Grade

Choose the letter of the correct answer. You may skip around on this test.

1. Which of these foods is a vegetable harvested above ground?
A. turnip B. radish C. asparagus D. carrot E. potato

2. Which planet in our solar system is closest in size to the Earth?
A. Venus B. Mars C. Uranus D. Jupiter E. Saturn

3. A frog is an example of a(an) _____.
A. mammal B. parasite C. amphibian D. reptile E. fish

4. Which scientist is credited with the development of the polio vaccine?
A. Newton B. Faraday C. Salk D. Leeuwenhoek E. Pascal

5. Which of these is a root vegetable?
A. eggplant B. squash C. spinach D. turnip E. tomato

6. The adjective canine refers to what animal?
A. pig B. cat C. horse D. cow E. dog

7. The radius is a bone located in what part of the human body?
- A. leg B. arm C. torso D. foot E. hand
8. Which is the largest human organ located inside of the body ?
- A. pancreas B. heart C. kidney D. liver E. brain
9. Which celestial object is located about 250,000 miles from the Earth?
- A. Mars B. Sun C. Moon D. Mercury E. Venus
10. Which mountain is located in Oregon?
- A. Mt. Shasta B. Pike's Peak C. Guadalupe Peak D. Mt. Whitney E. Mt. Hood
11. The science of growing food and managing soil is included in which field of study?
- A. phycology B. agronomy C. microbiology D. mycology E. zoology
12. Which simple machine allows the worker to apply force to one end of a rigid object in order to magnify the force at another point along the rigid object?
- A. wheel B. inclined plane C. lever D. wedge E. pulley
13. Entomophobia is the fear of:
- A. roaches B. scorpions C. snakes D. insects E. spiders
14. A jelly-like liquid that fills most of the eye is the:
- A. pupil B. cornea C. vitreous humor D. retina E. iris
15. How many yards are in a mile?
- A. 15, 840 B. 1640 C. 10, 560 D. 1,760 E. 5,280
16. What is an animal called that primarily eats meat?
- A. omnivore B. carnivore C. herbivore D. vertebrate E. invertebrate
17. A group of birds is called a flock. A group of elk can be called a herd. What is a name for a group of termites or pheasants?
- A. troop B. colony C. cast D. brood E. cluster

18. Mineral deposits that hang from the ceiling of limestone caves are called:
- A. stalagmites B. dolomites C. flowstones D. stalactites E. anthodites
19. At sea level on earth, water boils at what temperature on the Fahrenheit scale?
- A. 212 B. 100 C. 322 D. 520 E. 232
20. Terne is an alloy made from:
- A. iron and zinc B. lead and iron C. lead and zinc
D. mercury and lead E. tin and lead
21. The Panama Canal connects which 2 bodies of water?
- A. Mediterranean and Red B. Atlantic and Indian C. Pacific and Red
D. Indian and Pacific E. Atlantic and Pacific
22. Which of these is not a marsupial?
- A. pig B. koala C. wombat D. opossum E. kangaroo
23. What is the name of the jaw bone in a human?
- A. ulna B. mandible C. patella D. femur E. scapula
24. Which of these rivers is located in Europe?:
- A. Fraser B. Mississippi C. Rio Grande D. Rhine E. Platte
25. The embryonic leaves of a plant are called:
- A. parenchyma B. stomata C. trichomes D. cotyledons E. xylem
26. The highest mountain in Maine is:
- A. Clingman's Dome B. Mt. Katahdin C. Mt. Rogers D. Pike's Peak E. Mt. Mitchell
27. Cells lacking major organelles that also play a key role in human blood clotting are:
- A. midulates B. thrombocytes C. leukocytes D. erythrocytes E. hemoglobin

28. Which simple machine is a double inclined plane that exerts force along the length of its sides?
- A. lever B. wedge C. wheel D. screw E. pulley
29. The parts of the heart that receive blood coming from other parts of the body are:
- A. atria B. alveoli C. radii D. stomata E. ventricles
30. Which substance is not normally found in the human body in any form?
- A. zinc B. iron C. calcium D. hydrogen E. helium
31. Which human organ secretes hormones that affect the level of sugar in the blood?
- A. liver B. heart C. spleen D. pancreas E. stomach
32. Which of these metals is the most malleable?
- A. iron B. gold C. silver D. copper E. aluminum
33. Which human organ regulates blood clotting?
- A. liver B. heart C. spleen D. pancreas E. large intestine
34. Mammals that are large, thick-skinned, and hoofed are called:
- A. ovarians B. marsupials C. monotremes D. ovophemes E. pachyderms
35. Which planet comes closest to Earth during its orbit?
- A. Venus B. Mercury C. Mars D. Saturn E. Jupiter
36. The trapezius muscle is located in what part of the human body?
- A. feet B. upper back C. abdomen D. forearms E. thighs
37. The study of birds is called:
- A. oology B. entomology C. ornithology D. zoology E. cetology

38. The human knee cap is called the:
A. angiosperm B. cotyledon C. asteroid D. dogma E. patella
39. The island of Cyprus is located in what sea?
A. Aegean B. Mediterranean C. Bering D. Baltic E. Adriatic
40. What type of snake is not native to Texas?
A. coral B. copperhead C. rattler D. mamba E. water moccasin
41. Which metal is found in common table salt?
A. sodium B. mercury C. uranium D. barium E. lithium
42. What organ is a pea-sized gland that secretes hormones ?
A. cerebellum B. thalamus C. cerebrum D. pituitary E. pancreas
43. Which of these bones is in the front section of the human torso?
A. patella B. scapula C. clavicle D. ulna E. anvil
44. Which American astronaut died in an Apollo training accident?
A. Shepard B. Armstrong C. Einstein D. Aldrin E. Grissom
45. This type of cell is a structural protein making up the outer layer of human skin.
A. gland B. lipid C. insulin D. keratin E. enzyme
46. Basic or alkaline solutions are located in what range on the pH scale?
A. 0 – 6 B. 8 – 14 C. 15 – 18 D. 3 – 5 E. 18 – 20
47. What is the name of the scale which measures the hardness of rocks?
A. Richter B. Fujita C. Mohs D. Stevens E. Viscosity
48. If a healthy adult has all of his wisdom teeth, how many teeth would he have?
A. 32 B. 42 C. 16 D. 18 E. 24
49. How many bones are in the human spine?
A. 33 B. 24 C. 41 D. 47 E. 7
50. What is the primary olfactory organ in the human body?
A. ulna B. heart C. clavicle D. knee E. nose