

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR SCIENCE, GRADE 7

(Test items developed for skills measured in ITBS03)

Skills

- | | |
|-------------------------|-----------------------------|
| 1.0 Life Science | 3.0 Physical Science |
| 1.1 Living Things | 3.1 Motion/Forces/Mechanics |
| 1.2 Life Cycles | 3.2 Energy |
| 1.3 Environment | 4.0 Scientific Inquiry |
| 2.0 Earth/Space Science | 4.1 Skills/Processes |
| 2.1 Structure | 4.2 Analysis |
| 2.2 Changes | 5.0 Thinking Skills |
| 2.3 Universe | 5.1 Science |
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Number of questions: 39

Number of pages: 8

Approximate testing time: 30 minutes

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(OVER)

ITBS03 PRACTICE TEST IN SCIENCE - GRADE 7
FORM A

DIRECTIONS: Read each question and choose the correct answer.

SAMPLE

Which is not a part of cell theory?

- A. Cells are too small to see without a microscope.
- B. Cells make up all living things.
- C. New cells are produced by existing cells.
- D. All life activities take place in cells.

1. What force makes a roller coaster work?
 - A. Velocity
 - B. Magnetism
 - C. Gravity
 - D. Friction
2. What can the texture of an igneous rock tell about how the rock was formed?
 - A. The crystals are clearly visible
 - B. They formed underground
 - C. How fast the rock cooled
 - D. They have glassy surfaces
3. In which climate would dead animals and plant matter take the longest time to decay?
 - A. Warm, tropical
 - B. Cold, arctic
 - C. Cool, temperate
 - D. Hot, desert
4. Changing the shape and amount of a substance does *not* change its
 - A. mass
 - B. volume
 - C. density
 - D. appearance

5. What would happen if all the plants in an ecosystem died?
 - A. No change would occur.
 - B. All organisms would die.
 - C. Only plant eating organisms would die.
 - D. There would be more competition for food.
6. Which organism is best adapted to the deciduous forest biome?

A.



B.



C.



D.

