

A Science Words Quiz

Part 1. Choose one of the four letters below each statement to complete it.

1. It's important for experimental data to be both reproducible and valid. That means that:
 - A. data should be copied from a reliable encyclopedia.
 - B. researchers should have children and earn a good living.
 - C. data must have high value (be worth more than the experiment costs.)
 - D. others must be able to get the same results, and that the results show what they claim to show.

2. An infection can be defined as
 - A. a skin disease.
 - B. a contagious disease caused by micro-organisms (germs).
 - C. a lung condition caused by smoking.
 - D. a disease only spread by mosquitoes.

3. medical means
 - A. a kind of treatment center.
 - B. relating to health care & disease treatment.
 - C. pills a doctor gives sick people.
 - D. anything connected with diseases.

4. A teacher gives an evaluation of a student's work
 - A. when it's excellent.
 - B. when old records aren't available.
 - C. to inform the student how he is doing.
 - D. to inform the school about attendance.

5. Researchers conduct double-blind experiments to
 - A. eliminate researcher bias.
 - B. make sure they obtain the results they want.
 - C. prove their hypothesis is correct.
 - D. determine the structure of chemical compounds.

Part 2. Fill in the blanks below with these words (each used once):
appropriate, convinced, designing, factors, involved, methods, obtain, potential

Scientists have been studying the structure of different human cells as they look for the most
1. _____ ways to treat cancer. They want to find 2. _____ to kill cancer cells with as little
damage to normal cells as possible.

Furthermore, some scientists are 3. _____ that they are close to finding a cure for cancer, or at least a way to prevent it from killing so many people. They are excited to be 4. _____ in 5. _____ experiments to help them reach that goal. They know they must consider the many 6. _____ involved, but they believe with good planning and hard work they can 7. _____ the results they hope for.

Discovering a cure for cancer has great 8. _____ for saving lives and reducing health care costs.

Answers to the Science Words Quiz

Part 1. Choose one of the four letters below each statement to complete it.

1. It's important for experimental data to be both reproducible and valid. That means that:
D. others must be able to get the same results, and that the results show what they claim to show.
2. An infection can be defined as
B. a contagious disease caused by micro-organisms (germs)

3. medical means
B. relating to health care & disease treatment.
4. A teacher gives an evaluation of a student's work
C. to inform the student how he is doing.
5. Researchers conduct double-blind experiments to
A. eliminate researcher bias.

Part 2. Fill in the blanks below with these words (each used once):
appropriate, convinced, designing, factors, involved, methods, obtain, potential

Scientists have been studying the structure of different human cells as they look for the most 1. appropriate ways to treat cancer. They want to find 2. methods to kill cancer cells with as little damage to normal cells as possible.

Furthermore, some scientists are 3. convinced that they are close to finding a cure for cancer, or at least a way to prevent it from killing so many people. They are excited to be 4. involved in 5. designing experiments to help them reach that goal. They know they must consider the many 6. factors involved, but they believe with good planning and hard work they can 7. obtain the results they hope for.

Discovering a cure for cancer has great 8. potential for saving lives and reducing health care costs.

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