

Alzheimer's disease

1. Which of the following is the author's metaphor for a person afflicted with Alzheimer's (1 point)
?
 - ☐ Deterioration
 - ☐ A building
 - ☐ Termites
 - ☐ The human body
2. In the first extended metaphor of the article, what do the termites correspond to? (1 point)
 - ☐ Treatments for Alzheimer's that do not help.
 - ☐ Prion diseases that are eventually fatal.
 - ☐ Destructive aspect of Alzheimer's
 - ☐ Loved ones who watch a patient's decline
3. Which of these is NOT eaten away by the bugs of Alzheimer's (1 point)
 - ☐ memory and the ability to think
 - ☐ neuropsychiatric changes
 - ☐ temperament
 - ☐ the ability to move the muscles in the body
4. Which is NOT correct about prion diseases in paragraph 2? (1 point)
 - ☐ That the study of prion diseases is difficult frustrates scientists.
 - ☐ Alzheimer's is way more popular than prion diseases.
 - ☐ Prion diseases are infectious diseases.
 - ☐ The pathogenesis of Alzheimer's and Prion disease are the same.
5. In paragraph 2, why is an iron gate a better metaphor than a solid door would be? (1 point)
 - ☐ Because the "rust" and "vines" of Alzheimer's would not develop on the door
 - ☐ Because the door could be unlocked more easily than a gate.
 - ☐ Because the door would protect the patient from disease.
 - ☐ Because the door would not allow a view of what's inside
6. In Paragraph 4, what are spoken of as metaphorically like the links in a chain? (1 point)
 - ☐ Alzheimer's patient
 - ☐ Chemical groups
 - ☐ Protein
 - ☐ Prion disease.
7. In paragraph 4, why does the author use the image of scrunching something up in a hand? (1 point)
 - ☐ To explain how some proteins look.

- ☐ To explain that proteins are very strong.
 - ☐ To explain why proteins have a native shape.
 - ☐ To explain why proteins break.
8. In paragraph 5, in what way is Alzheimer's plaque similar to a spot of spilled syrup? (1 point)
- ☐ It is a layer of a sticky substance.
 - ☐ It is round and dark brown in color.
 - ☐ It contains a large amount of sugar.
 - ☐ It is formed from a liquid that has escaped a container.
9. In paragraph 8, what does the metaphor of the "bad seed" allow us to strongly infer amyloid- β peptides? (1 point)
- ☐ They might cause CJD, Parkinson's disease, or Huntington's disease.
 - ☐ They might be removed in order to cure Alzheimer's disease.
 - ☐ They might cause proteins to misfold or break.
 - ☐ They might be found in the brains of some Alzheimer's patients.