

## Multiple Choice Questions

- 1. In order to cope with hotter weather and less rain, some animals and plants are not growing as big as they usually would. Is this statement True or False?**
  - a) True
  - b) False
  - c) You can't relate the size of organisms with weather.
- 2. Floods and droughts are \_\_\_\_\_ forces of nature which affect the environment**
  - a) Constructive
  - b) Destructive
  - c) Amplifying
  - d) None of these
- 3. Which of the following are particularly vulnerable to changes in weather?**
  - a) Frogs
  - b) Fish
  - c) Dogs
  - d) Elephants
- 4. Why don't we note in our daily life about the size changes in animals and plants due to temperature changes?**
  - a) Because we don't observe closely enough
  - b) Because the size is never changed
  - c) Because these types of the changes are likely to be very slow
  - d) None of these
- 5. Researchers looked back at 65 million year old fossils and noticed changes in insects such as beetles, bees and ants that became 50-75% smaller. Why did it happen?**
  - a) Because the earth heated up
  - b) Because temperature of earth decreased
  - c) Because they started attacking each other
  - d) All of the above



## Answers

1. a
2. b
3. a
4. c
5. a

### Explanation of the Answers

1. Option 'a'. In order to cope with hotter weather and less rain, some animals and plants are not growing as big as they usually would. True statement.
2. Option 'b'. Natural disasters are destructive forces of nature which affect the environments. Some of these destructive forces are floods and droughts.
3. Option 'a'. Frogs and toads are particularly vulnerable to changes in temperature and need very specific habitats to survive. Sometimes they need particular plants around them to eat or use to make nests, or their eggs will only develop in certain temperatures.
4. Option 'c', because the changes are very slow.
5. Option 'a'. Researchers looked back at 65 million year old fossils and noticed the same change in insects such as beetles, bees and ants that became 50-75% smaller **as the earth heated up**. This doesn't mean that we'll soon need magnifying glasses to feed our hamsters - the changes are likely to be slow and we may not always notice.

