

Environmental and Agricultural Concepts Level 2 Quiz – Answer Key

1) What is another name for environmentally friendly buildings?

Select one:

- a) Solar homes
- b) **Green buildings**
- c) Eco homes
- d) Smart houses

2) Why do we need environmentally friendly buildings?

Select one:

- a) They look better.
- b) **They reduce pollution and save energy.**
- c) They are easier to build.
- d) They require no maintenance.

3) Which feature helps save water in green buildings?

Select one:

- a) LED lights
- b) Solar panels
- c) **Rainwater collection systems**
- d) Smart thermostats

4) What is a green roof?

Select one:

- a) A roof painted green to reflect sunlight.
- b) **A roof covered with plants.**
- c) A roof made from recycled wood.
- d) A roof with solar panels.

5) What percentage of carbon emissions come from buildings?

Select one:

- a) 20%
- b) 30%
- c) **40%**
- d) 50%

6) Which material is often reused in green buildings?

Select one:

- a) Concrete
- b) Recycled metal
- c) Glass
- d) Plastic

7) Smart thermostats help save energy by adjusting temperature automatically.

Select one:

- a) True
- b) False

8) Self-healing concrete can repair its own cracks.

Select one:

- a) True
- b) False

9) Motion-sensor lights stay on all the time to save energy.

Select one:

- a) True
- b) False

10) AI can help predict energy use in buildings and suggest ways to improve efficiency.

Select one:

- a) True
- b) False