

Name: _____

Date: _____

What happens when a river floods?

1: What is flooding?

- ☐ The continuous recycling of water on Earth.
- ☐ When a river erodes the banks (sides).
- ☐ When a river's water spills over its banks (sides) and spreads out over the surrounding area.

2: Floods are only caused due to physical causes, such as heavy rainfall. True or false?

- ☐ True
- ☐ False

3: Which of these are examples of human factors which can increase the risk of flooding?

- ☐ snowmelt and urbanisation
- ☐ deforestation and steep slopes
- ☐ urbanisation and deforestation
- ☐ steep slopes and heavy rainfall

4: Why can steep slopes cause flooding?

- ☐ because steep slopes slow up how quickly the water can get to the river
- ☐ because steep slopes tend to reduce the amount of infiltration of water into the ground (water entering the ground)

5: Why does urbanisation (the building and extension of towns and cities) increase the risk of flooding?

- ☐ because towns and cities are busier
- ☐ towns and cities have impermeable surfaces that don't allow the water to go through it
- ☐ towns and cities have permeable surfaces that do allow the water to go through it

6: Which of these are examples of physical factors which can cause flooding?

- ☐ urbanisation, snowmelt and deforestation
- ☐ deforestation, steep slopes, heavy or prolonged rainfall
- ☐ snowmelt, steep slopes, heavy or prolonged rainfall
- ☐ snowmelt, steep slopes, deforestation

7: What is a dam?

- ☐ A dam allows the free flow of water.
- ☐ A dam is a barrier that stops or restricts the flow of water.

8: Where is the Aswan High Dam located?

- ☐ in Russia
- ☐ in Egypt
- ☐ in Brazil
- ☐ in Israel
- ☐ in Jordan

9: What has built up behind the Aswan High Dam?

- ☐ an ocean
- ☐ a reservoir (lake)
- ☐ a sea
- ☐ a river

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