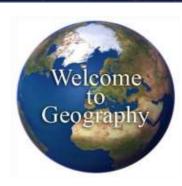


Montgomery Academy Geography Dept.



Tectonics

Multiple choice knowledge checker

| 1. | What is a natural hazard? | | |
|----|---------------------------|---------------------------------------|--|
| 0 | A. | An extreme hazard caused by human | |
| | | activity. | |
| | В. | An extreme natural event that | |
| 0 | | threatens people or has the potential | |
| | | to cause damage, destruction and | |
| | | death. | |
| 0 | C. | A hazard caused by climate change. | |
| 0 | D. | A hazard resulting from the | |
| | | movement of tectonic plates. | |

| 2. | eru aw | Natural events, such as volcanic eruptions or earthquakes that occur away from humans and properties are not considered natural hazards. | | | |
|----|-----------|--|--|--|--|
| 0 | A. | A. True | | | |
| 0 | В. | B. False | | | |

| 3. | Which of the following factors affect the risk from natural events such as volcanic eruptions, earthquakes and floods? | | |
|----|--|-------------------------------|--|
| 0 | A. | Population Density | |
| 0 | В. | Level of economic development | |
| 0 | C. | Geographical location | |
| 0 | D. | All of the above | |

| 4. | Wh | What is a geological hazard? | | |
|----|----|---------------------------------------|--|--|
| (| A. | A hazard that occurs as the result of | | |
| | | extreme weather conditions. | | |
| | В. | A hazard that occurs when the | | |
| 0 | | climate becomes too hot and causes | | |
| | | drought. | | |
| 0 | C. | A hazard that occurs because of a | | |
| | | movement of the Earth's crust. | | |
| 0 | D. | A hazard that occurs as the result of | | |
| | | human actions. | | |

| 5. | Which of the following is an example of a geological hazard? | | |
|----|--|----------------------|--|
| 0 | A. | A. Volcanic eruption | |
| 0 | В. | Flooding | |
| 0 | C. | Mudslide | |
| 0 | D. | D. Drought | |

| 6. | What is an atmospheric hazard? | | |
|----|--------------------------------|---------------------------------------|--|
| 0 | A. | A hazard caused by the movement of | |
| | | the Earth's crust. | |
| 0 | В. | A hazard caused by human activity. | |
| 0 | C. | A hazard that occurs when it | |
| | | becomes too hot. | |
| | D. | A hazard that occurs as the result of | |
|) | | certain weather conditions. | |

| 7. | Which hazard is caused by rising temperature? | | |
|----|---|-------------|--|
| 0 | A. | Volcanoes | |
| 0 | В. | Earthquakes | |
| 0 | C. | Tsunamis | |
| 0 | D. | Droughts | |

| 8. | What type of hazard is a tsunami? | |
|----|-----------------------------------|------------------------------------|
| 0 | A. | Geological |
| 0 | B. | Atmospheric |
| 0 | C. | Both atmospheric and geological |
| 0 | D. | Neither atmospheric nor geological |

| 9. | True or false? Volcanoes only happen in places where the climate is warm. | | |
|----|---|-------|--|
| 0 | A. | True | |
| 0 | В. | False | |

| 10. | Countries around the Pacific Ring of Fire are more at risk of what types of natural hazard? | | |
|-----|---|-------------------------------------|--|
| 0 | A. | Earthquakes and volcanic eruptions. | |
| 0 | В. | Earthquakes and flooding. | |
| 0 | C. | C. Volcanic eruptions and drought. | |
| 0 | D. | D. Volcanoes and forest fires. | |

| 11. | What would the likely short-term impacts of a climatic hazard be on a developed country? | |
|-----|--|--|
| 0 | A. | High death toll and high economic cost |
| 0 | В. | Low death toll and low economic cost |
| 0 | C. | High death toll and low economic cost |
| 0 | D. | Low death toll and high economic cost |

| 12. | Which type of event is likely to occur more often due to climate change? | |
|-----|--|--------------------|
| 0 | A. | Volcanic eruptions |
| 0 | В. | Earthquakes |
| 0 | C. | Tropical Storms |
| 0 | D. | Landslides |

| 13. | Which of the following is not an example | | |
|-----|--|--------------------------|--|
| 15. | of a classification of natural hazards? | | |
| 0 | A. | Tectonic hazards | |
| 0 | В. | Atmospheric hazards | |
| 0 | C. | Geomorphological Hazards | |
| 0 | D. | Human hazards | |

| 14. | | Why do people live in areas vulnerable to natural hazards? | |
|-----|----|--|--|
| 0 | Α. | Can't move | |
| 0 | В. | Don't want to move | |
| 0 | C. | Can't predict when a hazard will occur | |
| 0 | D. | All of the above | |

| 15. | What layer of the earth is found beneath the crust? | |
|-----|---|------------|
| 0 | A. | Inner core |
| 0 | В. | Outer core |
| 0 | C. | Mantle |
| 0 | D. | Plate |

| 16. | True or false? The inner core is solid, whereas the outer core is liquid. | |
|-----|---|-------|
| 0 | A. | True |
| 0 | В. | False |

| 17. | What is the upper section of the mantle called? | |
|-----|---|--------------------|
| 0 | A. | Crust |
| 0 | В. | Asthenosphere |
| 0 | c. | Inner Core |
| 0 | D. | Convection current |

| 18. | Identify the two types of tectonic crust. | |
|-----|---|-------------------------------|
| 0 | A. | Continental and tectonic |
| 0 | В. | Continental and oceanic |
| 0 | C. | Continental and asthenosphere |
| 0 | D. | Oceanic and tectonic |

| 19. | Which type of crust is heaviest? | |
|-----|----------------------------------|-------------|
| 0 | A. | Oceanic |
| 0 | В. | Continental |

| 20. | Which type of crust is the thickest? | |
|-----|--------------------------------------|-------------|
| 0 | A. | Oceanic |
| 0 | B. | Continental |

| 21. | What is the top layer of the mantle and the Earth's crusts known as? | |
|-----|--|-------------------|
| 0 | A. | Continental drift |
| 0 | В. | Plate tectonics |
| 0 | C. | Asthenosphere |
| 0 | D. | Lithosphere |

| 22. | The lithosphere (crust) is broken into several large fragments. What are these known as? | |
|-----|--|-------------------|
| 0 | A. | Continental drift |
| 0 | В. | Dinner plates |
| 0 | C. | Tectonic plates |
| 0 | D. | Asthenosphere |

| 23. | | How is movement of the Earth's crust currently tracked? | | |
|-----|----|---|--|--|
| 0 | A. | GPS | | |
| 0 | В. | ABS | | |
| 0 | C. | BBC | | |
| 0 | D. | RPG | | |

| 24. | What is molten liquid rock above the Earth's surface known as? | |
|-----|--|---------------|
| 0 | A. | Asthenosphere |
| 0 | В. | Hot spot |
| 0 | C. | Magma |
| 0 | D. | Lava |

| 25. | If lava is thick and sticky it is said to be | |
|-----|--|-------------|
| 0 | A. | Viscous |
| 0 | В. | Non-viscous |

| 26. | What is a plate margin? | |
|-----|-------------------------|--|
| 0 | A. | The point where all volcanoes occur. |
| 0 | В. | Where two tectonic plates meet each other. |
| 0 | C. | A convection current in the Earth's mantle. |
| 0 | D. | The point where the crust and the mantle meet. |

| 27. | Which of the following are examples of plate margins | |
|-----|--|-------------------------------|
| 0 | ٨ | Conductive, destructive and |
| | Α. | conservative. |
| 0 | В. | Constructive, destructive and |
| | | democratic. |
| 0 | C. | Constructive, destructive and |
| | C. | conservative. |
| 0 | D. | Conductive, destructive and |
| | | democratic. |

| 28. | Identify the two reasons why plates are thought to move. | |
|-----|--|--|
| 0 | A. | Convection currents and ridge push & slab pull. |
| 0 | В. | Convection currents and ridge pull & slab push. |
| 0 | C. | Conservative currents and ridge push & slab pull. |
| 0 | D. | Convection currents and convection push & slab pull. |

| 29. | How does the theory of convection suggest plates move? | |
|-----|--|---|
| 0 | A. | Hot currents in the mantle flow beneath the lithosphere, building up lateral pressure and carry the plates with them. |
| 0 | В. | Hot currents in the outer core flow beneath the lithosphere, building up lateral pressure and carry the plates with them. |
| 0 | C. | The weight of a subducting plate causes it to move. |
| 0 | D. | Fossils found on opposite continents. |

| 30. | What is ridge push? | |
|-----|---------------------|--|
| 0 | A. | When gravity causes the ridge to push on the lithosphere and move tectonic plates. |

| 0 | В. | When the weight of a dense tectonic |
|---|----|-------------------------------------|
| | | plate is subducted into the mantle. |
| 0 | C. | When convectional currents cause |
| | | plates to move due to friction. |
| 0 | D. | A feature formed due to fold |
| | | mountains. |

| 31. | Wh | What is slab pull? | |
|-----|----|-------------------------------------|--|
| | | When gravity causes the ridge to | |
| 0 | A. | push on the lithosphere and move | |
| | | tectonic plates. | |
| 0 | В. | When the weight of a dense tectonic | |
| | Б. | plate is subducted into the mantle. | |
| 0 | (| When convectional currents cause | |
| | C. | plates to move due to friction. | |
|) | 7 | A feature formed due to fold | |
| | D. | mountains. | |

| 32. | Where are ocean ridges often found? | |
|-----|-------------------------------------|---------------------------|
| 0 | A. | Destructive plate margin |
| 0 | В. | Conservative plate margin |
| 0 | C. | Passive plate margin |
| 0 | D. | Constructive plate margin |

| 33. | Where do volcanoes and earthquakes occur? (You can select more than one answer). | |
|-----|--|--|
| 0 | A. | They are randomly distributed. |
| 0 | В. | There is a chain of volcanoes and earthquakes that occur around the edge of the Pacific Ocean. |
| 0 | C. | They are found at volcanic hot spots such as Hawaii. |
| 0 | D. | They occur along destructive and constructive plate margins. |

| 34. | How far do most tectonic plates move each year? | |
|-----|---|-------------------|
| 0 | A. | A few millimetres |
| 0 | В. | A few centimetres |
| 0 | C. | A few metres |
| 0 | D. | A few kilometres |

| 35. | What type of margin do the North American and Eurasian plate form? | |
|-----|--|--------------|
| 0 | A. | Constructive |
| 0 | В. | Destructive |
| 0 | C. | Passive |
| 0 | D. | Conservative |

| 36. | What happens at a conservative plate margin? | |
|-----|--|---|
| 0 | A. | An oceanic plate subducts a continental plate. |
| 0 | В. | Two plates slide past each other. |
| 0 | C. | Two plates move away from each other. |
| 0 | D. | Two continental plates move towards each other. |

| 37. | What happens at a destructive plate margin? | |
|-----|---|--|
| 0 | ^ | An oceanic plate subducts a continental plate. |
| | Α. | continental plate. |
| 0 | В. | Two plates slide past each other. |
| 0 | (| Two plates move away from each |
| | C. | other. |
| | 7 | Two continental plates move |
| | D. | towards each other. |

| 38. | What happens at a constructive plate margin? | |
|-----|--|-----------------------------------|
| 0 | ^ | An oceanic plate subducts a |
| | Α. | continental plate. |
| 0 | В. | Two plates slide past each other. |
| 0 | _ | Two plates move away from each |
| | C. | other. |
| | D. | Two continental plates move |
| | | towards each other. |

| 39. | Rift valleys are associated with which type of plate margin? | |
|-----|--|--------------|
| 0 | A. | Destructive |
| 0 | В. | Constructive |
| 0 | C. | Conservative |

| 40. | Identify two examples of rift valleys. | |
|-----|--|------------------------------------|
| 0 | Α. | The Great Rift Valley in south- |
| | Α. | eastern Africa |
| 0 | В. | Thingvellir, south-western Iceland |
| 0 | C. | Lightwater Valley, England |
| 0 | D. | The Valley of the Kings, Egypt |

| 41. | A subduction zone is associated with which type of plate margin? | |
|-----|--|--------------|
| 0 | A. | Destructive |
| 0 | В. | Constructive |
| 0 | C. | Conservative |

| 42. | Shield volcanoes are associated with which type of plate margin? | |
|-----|--|--------------|
| 0 | A. | Destructive |
| 0 | В. | Constructive |
| 0 | C. | Conservative |



Figure 1 – Plate Margins

| 43. | Ide 1. | ntify the destructive margin in figure |
|-----|-----------|--|
| 0 | A. | |
| 0 | В. | |
| 0 | C. | |

| | Ide | Identify the constructive margin above | |
|---|-----|--|--|
| 0 | A. | | |
| 0 | В. | | |
| 0 | C. | | |

| 45. | | ntify the conservative margin in the ure 1. |
|-----|----|---|
| 0 | A. | |
| 0 | В. | |
| 0 | C. | |

| 46. | Identify the type of margin where midocean ridges occur. | |
|-----|--|--------------|
| 0 | A. | Destructive |
| 0 | В. | Constructive |
| 0 | C. | Conservative |

| 47. | Wh | What is a subduction zone? | |
|-----|----|--------------------------------------|--|
| | Α. | The area where an oceanic plate is | |
| | | pushed under a continental plate. | |
| | | The area where two plates are | |
| 0 | В. | passing each other and get stuck due | |
| | | to friction. | |
| | C | The area where two plates separate | |
| | C. | creating new land. | |
| 0 | D. | Another name for a volcanic hot | |
| | | spot. | |

| 48. | True or false? Fold mountains occur at both conservative and destructive plate margins. | |
|-----|---|-------|
| 0 | A. | True |
| 0 | В. | False |

| 49. | ear | True or false? Volcanoes and earthquakes occur at destructive plate margins. | |
|-----|-----|--|--|
| 0 | A. | True | |
| 0 | В. | False | |

| 50. | What type of volcano is typically found along destructive plate margins? | |
|-----|--|-----------|
| 0 | A. | Shield |
| 0 | В. | Composite |
| 0 | C. | Extinct |
| 0 | D. | Dormant |

| 51. | Tru cor | True or false? Volcanoes occur along conservative plate margins. | |
|-----|------------|--|--|
| 0 | A. | True | |
| 0 | В. | False | |

| | What is used to measure the Mercalli Scale? | | |
|---|---|--------------|--|
| 0 | A. | Seismograph | |
| 0 | В. | Seismometer | |
| 0 | C. | Pendulums | |
| 0 | D. | Observations | |

| 53. | Why do earthquakes occur at | | | |
|-----|-----------------------------|---|--|--|
| 55. | conservative plate margins? | | | |
| | | As the plates move past each other, friction causes them to become | | |
| 0 | Α. | stuck. Pressure builds up until | | |
| | | eventually the rock fractures causing an earthquake. | | |
| | | As the oceanic plate subducts the continental plate, frication causes | | |
| 0 | В. | them to become stuck. Pressure | | |
| | J. | builds up until eventually the rock | | |
| | | fractures causing an earthquake. | | |
| | _ | As two continental plates collide | | |
| | C. | earthquakes occur as the land folds. | | |
| | D. | As two plates move apart magma | | |
| | | rises causing earthquakes. | | |

| | True or false? The San Andreas fault has |
|-----|--|
| 54. | formed along a conservative plate |
| | margin. |

| 0 | A. | True |
|---|----|-------|
| 0 | В. | False |

<u>Earthquake Case Study in an HIC – Kobe, Japan (1995)</u>

| 55. | What magnitude was the Japan earthquake? | | |
|-----|--|-----|--|
| 0 | A. | 5.3 | |
| 0 | В. | 6.3 | |
| 0 | C. | 7.0 | |
| 0 | D. | 9.1 | |

| 56. | Which type of margin did the Japan earthquake occur on? | |
|-----|---|--------------|
| 0 | A. | Constructive |
| 0 | В. | Destructive |
| 0 | C. | Conservative |
| 0 | D. | Collision |

| 57. | Ho | How many buildings were damaged? | |
|-----|----|----------------------------------|--|
| 0 | A. | 10 000 | |
| 0 | В. | 100 000 | |
| 0 | C. | 200 000 | |
| 0 | D. | 300 000 | |

| | | How many people died in the Japan earthquake? | |
|---|----|---|--|
| 0 | A. | 95 | |
| 0 | В. | 1,700 | |
| 0 | C. | 17,000 | |
| 0 | D. | 316,000 | |

| 59. | How many people were injured? | |
|-----|-------------------------------|--------|
| 0 | A. | 6000 |
| 0 | В. | 10 000 |
| 0 | C. | 13 000 |
| 0 | D. | 25 000 |

| | Which of the following are primary effects of the Japan earthquake? | |
|---|---|--------------------------------|
| 0 | A. | Water, electricity and sewage |
| | | supplies were disrupted |
| 0 | В. | >30m high tsunami waves |
| 0 | C. | The focus was 30km deep |
| 0 | D. | >300,000 people were displaced |

| | Wh | What was the estimated cost of the | |
|---|-------------------|------------------------------------|--|
| | Japan earthquake? | | |
| 0 | A. | \$2.5 billion | |
| 0 | В. | \$30 billion | |
| 0 | C. | \$100 billion | |
| 0 | D. | \$300 billion | |

| | Identify one secondary impact of the earthquake. | |
|---|--|--------------------------------|
| 0 | Α. | Water, electricity and sewage |
| | A. | supplies were disrupted |
| 0 | В. | Search & Rescue was quick |
| 0 | C. | The focus was 30km deep |
| 0 | D. | >300,000 people were displaced |

| | Identify one way the Japanese government immediately responded to the earthquake. | |
|---|---|--|
| 0 | Α. | An emergency committee was set up and Japanese troops sent to help |
| 0 | В. | 134 000 new homes were built. |
| 0 | C. | Fires ripped through the city |
| 0 | D. | New laws were passed to make buildings and transport more earthquake proof |

| 64. | Identify one long-term response to the earthquake. | |
|-----|--|--|
| 0 | A. | Major retailers gave supplies to people affected |
| 0 | В. | 300 French police were sworn in to provide support. |
| 0 | C. | New laws were passed to make buildings and transport more earthquake proof |
| 0 | D. | The Red Cross provided \$4 billion in donations. |

Earthquake Case Study in an LIC – Haiti (2010)

| | What magnitude was the Haiti earthquake? | | |
|---|--|-----|--|
| 0 | A. | 6.0 | |
| 0 | В. | 7.0 | |
| 0 | C. | 8.0 | |
| 0 | D. | 9.0 | |

| | Which type of margin did the Haiti earthquake occur on? | |
|---|---|--------------|
| 0 | A. | Constructive |
| 0 | B. | Destructive |
| 0 | C. | Conservative |
| 0 | D. | Collision |

| 67. | Ho | w many buildings were destroyed? |
|-----|----|----------------------------------|
| 0 | A. | 50 000 |
| 0 | В. | 100 000 |
| 0 | C. | 150 000 |
| 0 | D. | 300 000 |

| | How many people died in the Haiti earthquake? | |
|---|---|---------|
| 0 | A. | 316 |
| 0 | В. | 3,160 |
| 0 | C. | 31,600 |
| 0 | D. | 316,000 |

| 69. | How many people were injured? | |
|-----|-------------------------------|----------|
| 0 | A. | 300+ |
| 0 | В. | 3 000+ |
| 0 | C. | 30 000+ |
| 0 | D. | 300 000+ |

| 70. | | Identify the primary effects of the earthquake? | |
|-----|----|--|--|
| 0 | A. | Airport runway and ports in Port au Prince seriously damaged and roads blocked by rubble | |
| 0 | В. | The EU provided \$330m in aid. | |
| 0 | C. | 1 000 000 homeless | |
| 0 | D. | 4 years after the earthquake 230 000 people were living in tents. | |

| | | What was the estimated cost of the earthquake? | |
|---|----|--|--|
| 0 | A. | \$3 billion | |
| 0 | В. | \$13 billion | |
| 0 | C. | \$30 billion | |
| 0 | D. | \$300 billion | |

| | Ide | Identify the secondary impact of the | | |
|---|-----|---------------------------------------|--|--|
| | Hai | Haiti earthquake | | |
| | | Diseases such as Cholera spread | | |
| 0 | Α. | through the camps as there was no | | |
| | | sanitation | | |
| 0 | В. | Charitable donations of \$1.1 billion | | |
| | D. | were made. | | |
| 0 | C | Many countries sent search and | | |
| | C. | rescue teams. | | |
| | | Airport runway and ports in Port au | | |
| 0 | D. | Prince seriously damaged and roads | | |
| | | blocked by rubble | | |

| | | Identify one way the government responded to the Haiti earthquake. | | |
|---|----|--|--|--|
| 0 | ۸ | Each family in the affected area were | | |
| | Α. | given food vouchers. | | |
| 0 | В. | 10 000 affordable homes were built. | | |
| 0 | (| Families affected were given \$15000 | | |
| | C. | to help rebuild their lives. | | |
| 0 | D. | The response was limited due to the | | |
| | | country being an LIC. | | |

| 74. | Identify one international response to | | | |
|-----|--|-------------------------------------|--|--|
| 74. | the earthquake. | | | |
| C | Α. | 300 Australian police were sworn in | | |
| | | to provide support. | | |
| 0 | В. | 300 French police were sworn in to | | |
| | | provide support. | | |
| 0 | _ | \$100m in aid given by USA and | | |
| | C. | \$330m from the EU | | |
| 0 | D. | Looting took place | | |

| 75. | affo ear | Which of the following statements affect the impact and responses to an earthquake (you can select more than one)? | |
|-----|-------------|--|--|
| 0 | A. | Building density – the more buildings, the greater the likelihood some will collapse. | |
| 0 | В. | The higher the population density, the greater the risk of injuries and fatalities. | |
| 0 | C. | The closer to the epicentre the greater the magnitude will be. | |
| 0 | D. | The more resources and money available the quicker it is to rebuild homes and businesses. | |

| 76. | Wh (yo | Why do people live in hazardous areas (you can select more than one) | |
|-----|-----------|--|--|
| 0 | A. | Geothermal energy | |
| 0 | В. | Mining | |
| 0 | C. | Farming | |
| 0 | D. | Warm temperatures | |

| 77. | | Which of the following are ways risks of earthquakes can be reduced? | |
|-----|----|--|--|
| 0 | _ | Prediction, protection, percolation | |
| | Α. | and monitoring | |
| | В. | Production, protection, planning and | |
| | | monitoring | |
| 0 | C | Monitoring, prediction, protection | |
| | C. | and planning | |
| | D. | Preparation, protection, planning | |
| | | and monitoring | |

| 78. | Which type of earthquake risk management involves using historical data to see where they may occur? | |
|-----|--|---------------------------|
| 0 | A. | Prediction and monitoring |
| 0 | В. | Protection |
| 0 | C. | Planning |

| 79. | Which type of earthquake risk management involves designing buildings to withstand earthquakes? | |
|-----|---|---------------------------|
| 0 | A. | Prediction and monitoring |
| 0 | В. | Protection |
| 0 | C. | Planning |

| 80. | Which type of earthquake risk management involves residents learning how to turn off the main gas, electricity and water supplies to their property? | |
|-----|--|---------------------------|
| 0 | A. | Prediction and monitoring |
| 0 | В. | Protection |
| 0 | C. | Planning |

| 81. | ma seis | Which type of earthquake risk management involves using seismometers to measure tremors or foreshocks before major earthquake events? | |
|-----|------------|---|--|
| 0 | A. | Prediction and monitoring | |
| | В. | Protection | |
| 0 | Б. | FIOLECTION | |

| 82. | Which type of earthquake risk management involves using GPS to detect movements in the ground? | | | | | |
|-----|--|------------------------------|--|--|--|--|
| 0 | A. | A. Prediction and monitoring | | | | |
| 0 | B. Protection | | | | | |
| 0 | C. | Planning | | | | |

| 83. | Which type of earthquake risk management involves practising an annual earthquake drill? | | | | |
|-----|--|------------------------------|--|--|--|
| 0 | A. | A. Prediction and monitoring | | | |
| 0 | В. | B. Protection | | | |
| 0 | C. | Planning | | | |

| 84. | Which type of volcanic eruption risk management involves using GPS and tiltmeters to investigate ground deformation (changes to the volcano's surface)? | | | | |
|-----|---|------------------------------|--|--|--|
| 0 | A. | A. Prediction and monitoring | | | |
| 0 | B. Protection | | | | |
| 0 | C. | Planning | | | |

| 85. | Which type of volcanic eruption risk management involves authorities evacuating people from their homes to a location that is a safe distance from the volcano? | | | | | |
|-----|---|------------------------------|--|--|--|--|
| 0 | A. | A. Prediction and monitoring | | | | |
| 0 | В. | B. Protection | | | | |
| 0 | C. | C. Planning | | | | |

| 86. | Which type of volcanic eruption risk management involves using seismometers to measure earth tremors and small earthquakes? | | | | |
|-----|---|------------------------------|--|--|--|
| 0 | A. | A. Prediction and monitoring | | | |
| 0 | B. Protection | | | | |
| 0 | C. | Planning | | | |

| 87. | Which type of volcanic eruption risk management involves authorities developing evacuation plans? | | | | | |
|-----|---|------------------------------|--|--|--|--|
| 0 | A. | A. Prediction and monitoring | | | | |
| 0 | В. | B. Protection | | | | |
| 0 | C. | Planning | | | | |

| ×× | Which type of volcanic eruption risk |
|----|--------------------------------------|
| | management involves thermal heat |

| | sensors to identify temperature changes on the surface of volcanoes? | | | |
|---|--|---------------------------|--|--|
| 0 | A. | Prediction and monitoring | | |
| 0 | В. | Protection | | |
| 0 | C. | Planning | | |

| 89. | Which type of volcanic eruption risk management involves the preparation of emergency shelters and food supplies by authorities and emergency services? | | | | |
|-----|---|------------------------------|--|--|--|
| 0 | A. | A. Prediction and monitoring | | | |
| 0 | B. Protection | | | | |
| 0 | C. | Planning | | | |

| 90. | Which type of volcanic eruption risk management involves designating potential exclusion zones in advance of eruptions? | | | | |
|-----|---|------------------------------|--|--|--|
| 0 | A. | A. Prediction and monitoring | | | |
| 0 | В. | B. Protection | | | |
| 0 | c. | Planning | | | |

| 91. | Which type of volcanic eruption risk management involves educating people about avoiding injury and loss of life? | | | | |
|-----|---|------------------------------|--|--|--|
| 0 | A. | A. Prediction and monitoring | | | |
| 0 | В. | B. Protection | | | |
| 0 | C. | Planning | | | |