

## Urban Geography

Total: (  /10)

### Questions

### Answers

1. A megacity refers to a city with:

- A) 10 million inhabitants or more
- B) 5 million inhabitants or more
- C) 15 million inhabitants or more
- D) 20 million inhabitants or more

2. A continuous urban area that surpasses administrative boundaries (i.e., built-up urban areas) is described as:

- A) City proper
- B) Metropolitan area
- C) Urban centre
- D) Urban agglomeration

3. What is the purpose of a greenbelt in urban design?



- A) To introduce new plant species to a city
- B) To prevent land-use conflict
- C) To prevent urban sprawl
- D) To create a forestry industry

## CHALLENGE

4. This city once started out as a fishing village and today is the most populous city in the world by metropolitan area.

A) Shanghai  
B) Mumbai  
C) Karachi  
D) Tokyo

5. The United Nations considers five characteristics in defining an area as a slum. Which of the following is NOT one of those characteristics?



A) Overcrowding  
B) Limited access to educational opportunities  
C) Poor structural quality of housing  
D) Inadequate access to safe water

6. This image is a portion of a public transit map for which global city?



A) Paris, France  
B) Toronto, Canada  
C) London, England  
D) Los Angeles, United States

7. Which country has recently built large "ghost cities" that are mostly unpopulated?

A) South Korea  
B) Japan  
C) China  
D) India

## CHALLENGE

8. A food desert is described as a community with:
- A) Infertile soil where food cannot be produced
  - B) Extreme poverty
  - C) No fast food available
  - D) Little or no access to stores and restaurants that provide healthy and affordable foods
- 
9. This term describes the changes that occur in a deteriorated urban neighborhood with the influx of more affluent residents:
- A) Red-lining
  - B) Urbanism
  - C) Gentrification
  - D) Multiplier Effect
- 
10. What is the least densely populated country in the world?
- A) Canada
  - B) Russia
  - C) Mongolia
  - D) Iceland

## Deserts

Total: (  /10)

### Questions

### Answers

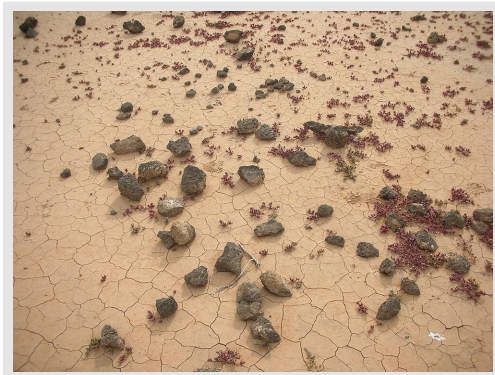
1. What is the amount of rain per year needed for a place to be considered a desert?

- A) Less than 350 mm
- B) Less than 250 mm
- C) Less than 450 mm
- D) Less than 550 mm

2. Approximately what percentage of Earth is covered by deserts?

- A) 30%
- B) 20%
- C) 10%
- D) 5%

3. True or False: Desertification is a natural phenomenon.



- A) TRUE
- B) FALSE



4. What is the driest non-polar desert in the world?



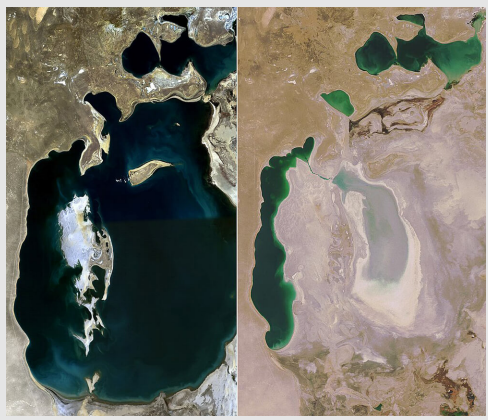
- A) Karakum Desert
- B) Atacama Desert
- C) Namib Desert
- D) Sahara Desert

5. What do you call a type of plant that has adapted to live in a very dry environment such as a desert?



- A) Coniferous
- B) Epiphytic
- C) Xerophytic
- D) Hydrophytic

6. In the 1960s, the Soviet Union started an irrigation project which over the decades has drained this body of water, turning huge portions of it into desert. What is its name?



- A) Dead Sea
- B) Hulun Lake
- C) Aral Sea
- D) Lake Poopó

## CHALLENGE

7. The Racetrack Playa is a flat landscape famous for its moving rocks called the Sailing Stones. In which desert region would you find this strange phenomenon?



- A) Sonoran Desert
- B) Great Basin
- C) Death Valley
- D) Patagonian Desert

8. What desert is considered the oldest desert in the world?



- A) Kalahari Desert
- B) Sahara Desert
- C) Atacama Desert
- D) Namib Desert

## CHALLENGE

9. The inland taipan, which lives in deserts and semi-arid areas, is considered by scientists to be the most venomous snake in the world. On what continent can these snakes be found?



- A) South America
- B) Africa
- C) North America
- D) Australia

10. What is the name of Australia's biggest desert?



- A) Great Sandy Desert
- B) Tanami Desert
- C) Simpson Desert
- D) Great Victoria Desert



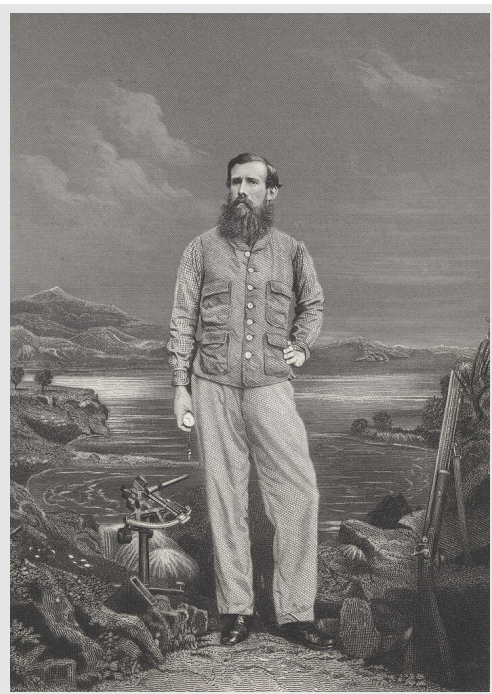
## Explorers

Total: (  /10)

## Questions

## Answers

1. John Hanning Speke discovered the source of the Nile in 1858. What nationality was Speke?



- A) Spanish
- B) Portuguese
- C) Egyptian
- D) English



## CHALLENGE

2. What is the name of the German meteorologist and geophysicist who developed the continental drift theory?



- A) Jean-Baptiste Marchand
- B) Robert Scott
- C) Alfred Wegener
- D) Albert MacCarthy

## CHALLENGE

3. Which explorer first navigated through the Northwest Passage, the waterway around the northern coast of North America that links the Atlantic and Pacific Oceans?



- A) Roald Amundsen
- B) Fridtjof Nansen
- C) John Franklin
- D) James Clark Ross

4. What did Columbus discover in 1492?



- A) Islands of the West Indies
- B) Mainland of North America
- C) Island of Newfoundland
- D) South America

## CHALLENGE

5. Portuguese explorer Ferdinand Magellan is credited with being the first to circumnavigate the Earth (although he died near the end of the voyage). To commemorate this achievement, a channel linking the Atlantic and Pacific Oceans was named the Strait of Magellan. Where is this Strait located?

A) Honduras  
B) South Africa  
C) Chile  
D) Panama

6. Marco Polo is a popular children's game named after a famous 13th century explorer. What is this Italian explorer famous for?



- A) First European to travel through Asia  
B) Shipbuilding  
C) Detailed chronicles of his travels through Asia  
D) Made the first full map of Asia

## CHALLENGE

7. Mount Everest in the Himalayas is Earth's highest mountain with a summit of about 8,848 metres above sea level (the exact height is of some dispute). What are the names of the first two people to reach the summit?



- A) Mike Roberts and Hiroyuki Kuraoka
- B) Dave Hahn and Melissa Arnot
- C) Edmund Hillary and Tenzing Norgay
- D) Kami Sherpa and Lhakpa Sherpa

8. Who was the first woman to go into outer space?



- A) Valentina Tereshkova
- B) Sally Ride
- C) Roberta Bondar
- D) Peggy Whitson

9. Norwegian explorer Roald Amundsen was the first one to reach the geographic South Pole. In what year did his expedition discover the South Pole?

- A) 1905
- B) 1911
- C) 1921
- D) 1916



## CHALLENGE

10. This female journalist was inspired by Jules Verne's book "Around the World in Eighty Days" and set a world record by circumnavigating the world in 72 days.



- A) Margaret Fuller
- B) Freya Stark
- C) Elizabeth Bisland
- D) Nellie Bly

## CHALLENGE

## Geography Facts

Total: (  /10)

## Questions

## Answers

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|--|--|
| 1. The seasons are regular weather patterns in different places on Earth's surface. What is the main cause for the seasons?<br><br>A) Geographic poles<br>B) Earth's orbit<br>C) Planet's tilt<br>D) Distance from the Equator |  |
| 2. What is the longest mountain chain on land, which runs for 7,200 kilometres?<br><br>A) The Rocky Mountains<br>B) The Carpathian Mountains<br>C) The Himalayas<br>D) The Andes   |  |
| 3. What is the longest mountain chain underwater, which stretches 16,000 kilometres?<br><br>A) The Mid-Atlantic Ridge<br>B) The Southwest Indian Ridge<br>C) The Emperor Seamounts<br>D) The Atlantic-Indian Ridge             |  |
| 4. The Coriolis effect, an inertial force in physics, explains:<br><br>A) Earthquakes<br>B) Earth's wind directions and rotation of storms<br>C) Types of clouds<br>D) Salinity of the oceans                                  |  |

## CHALLENGE

5. Clouds are visible masses of moisture, made up of tiny water droplets or ice crystals. In what atmosphere layers are they formed?
- A) Mesosphere
  - B) Thermosphere
  - C) Stratosphere
  - D) Troposphere
- 
6. Hail is precipitation in the form of ice pellets, which grow from ice crystals formed in freezing storm clouds. In what type of clouds does hail form?
- A) Stratus
  - B) Cirrus
  - C) Stratocumulus
  - D) Cumulonimbus
- 
7. A delta is an area of flat, fertile land at a river mouth. What is the largest delta in the world?
- A) The Ganges-Brahmaputra Delta
  - B) The Mississippi Delta
  - C) The Nile Delta
  - D) The Amazon Delta
- 
8. What is the main cause of ocean tides?
- A) Pull of the moon's gravity on Earth
  - B) Ocean currents
  - C) Hurricanes
  - D) El Niño
-

## CHALLENGE

9. What is the southernmost permanently settled town in the world?

- A) Rio Gallegos
- B) Esquel
- C) Buenos Aires
- D) Ushuaia

10. Approximately how old is the Earth?

- A) 7.52 billion years
- B) 4.54 billion years
- C) 3.56 billion years
- D) 10.53 billion years



## Landmarks

Total: (  /10)

## Questions

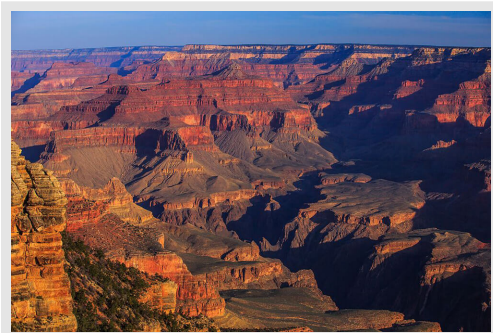
## Answers

1. The Taj Mahal in India was built as a mausoleum for the emperor's wife. Where in India can you see this landmark?



- A) New Delhi
- B) Mumbai
- C) Bengaluru
- D) Agra

2. The Grand Canyon is a popular landmark in the United States. Which river runs through it?



- A) Mississippi
- B) Colorado
- C) Rio Grande
- D) St. Lawrence

## CHALLENGE

3. This wall, sometimes referred to as the Wailing Wall, is often thought of as the holiest site in Judaism. Located in Jerusalem, what is this wall commonly known as?



- A) Eastern Wall
- B) Northern Wall
- C) Western Wall
- D) Southern Wall

4. The White House houses the United States head of state. What colour is the traditional official residence of the head of state in South Korea?



- A) Red
- B) Green
- C) Black
- D) Blue

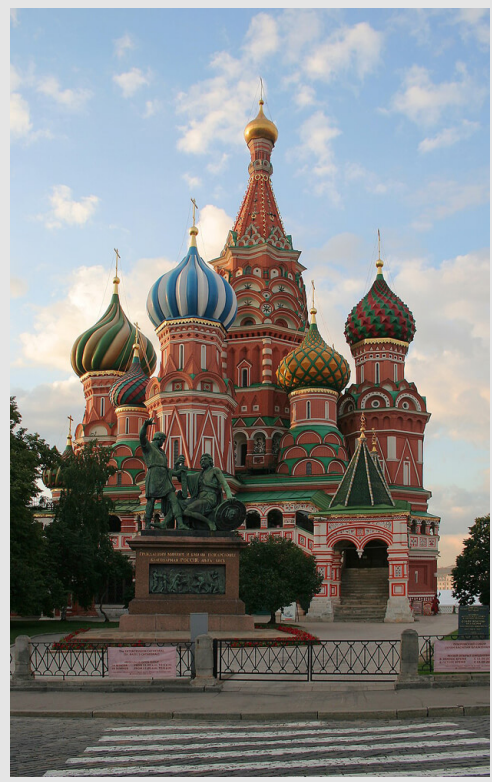
5. Cinque Terre, a UNESCO World Heritage Site, is a series of five beautiful coastal towns along the coast of which country?



- A) France
- B) Portugal
- C) Spain
- D) Italy

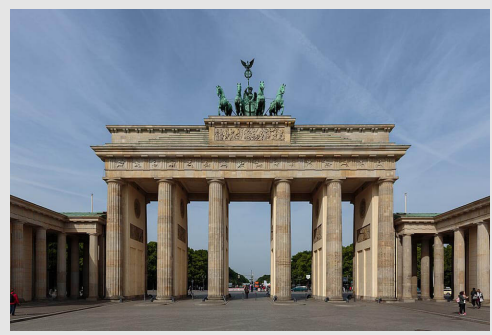
## CHALLENGE

6. St. Basil's Cathedral, also known as Saint Basil the Blessed, was built in the 16th century. Where would you find the colourful domes of this church?



- A) St.Petersburg
- B) Moscow
- C) Sochi
- D) Volgograd

7. In which European city can you find the Brandenburg Gate?

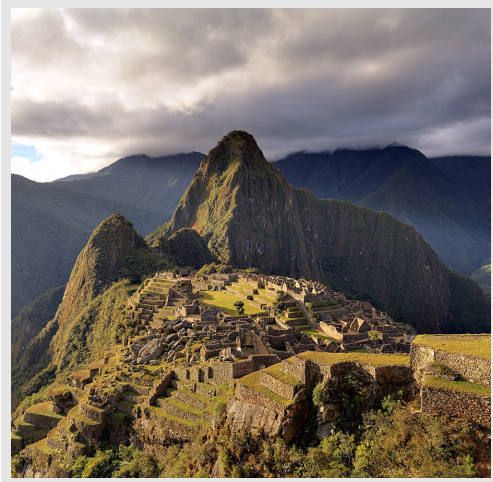


- A) Paris
- B) London
- C) Berlin
- D) Brussels



## CHALLENGE

8. Machu Picchu was built high up in the Andes mountains in Peru. Which people built Machu Picchu?



- A) Mayans
- B) Aztecs
- C) Métis
- D) Incas

9. Christ the Redeemer is a statue of Jesus Christ overlooking which South American city?



- A) Caracas
- B) Buenos Aires
- C) Rio de Janeiro
- D) Lima



## CHALLENGE

10. Which Parisian landmark was built for the 1889 World Fair to mark the centennial anniversary of the end of the French Revolution?
- A) Notre Dame
  - B) Louvre
  - C) Arc de Triomphe
  - D) Eiffel Tower

## CHALLENGE

## Water

Total: (  /10)

## Questions

## Answers

1. True or False: glaciers exist on every continent.

A) FALSE

B) TRUE

2. About 70 per cent of the world is covered by water, but how much of it is fresh water?

A) 1.5%

B) 3.5%

C) 4.5%

D) 2.5%

3. What do you call a body of water that is separated from larger bodies of water by a natural barrier such as a sandbar or a coral reef?

A) Bay

B) Sea

C) Inlet

D) Lagoon

4. How much of the world's fresh water is available to drink?

A) 5%

B) 15%

C) 1%

D) 25%

## CHALLENGE

5. What percentage of the world's population lives in the drier half of the planet?
- A) 50%
  - B) 25%
  - C) 10%
  - D) 85%
- 
6. What is ghost fishing?
- A) Catch-and-release fishing for sport
  - B) When unintended species are caught in a net during commercial fishing
  - C) When marine species mistake bits of plastic for fish and consume it
  - D) When abandoned fishing gear continues to entrap fish
- 
7. What do you call the transition layer between the warmer water at the ocean's surface and the cooler deep water below?
- A) Hydrocline
  - B) Halocline
  - C) Pycnocline
  - D) Thermocline
- 
8. Most of the Earth's fresh water is located in...
- A) Aquifers
  - B) Lakes and rivers
  - C) Glaciers and ice caps
  - D) Man-made reservoirs
-

## CHALLENGE

9. This lake is the largest and deepest freshwater lake in the world, holding about 20 per cent of the world's fresh water.
- A) Lake Baikal
  - B) Great Bear Lake
  - C) Lake Victoria
  - D) Lake Titicaca
- 
10. What is the Forchhammer's Principle (also known as the principle of constant proportions)?
- A) A ratio that explains the chemical composition of ocean water
  - B) A theory that explains why salt water and fresh water don't mix
  - C) A theory that explains the conditions necessary for a hurricane to form
  - D) A ratio that explains the threshold for hypoxia



## Cultural Geography

Total: (  /10)

### Questions

### Answers

1. The following are names of communities in Manitoba: Reinfeld, Blumengart, Schanzenfeld, and Friedensruh. What is the mother tongue of the people who founded these communities?

- A) English
- B) Italian
- C) Ukrainian
- D) German

2. The following are names of communities in Cape Breton, N.S.: Inverness, Skye Glen, Creignish, and Dunvegan. Where did the European settlers who founded these communities come from?

- A) Scotland
- B) Germany
- C) Norway
- D) Portugal

3. Which country has the largest Islamic population?

- A) Pakistan
- B) Bangladesh
- C) Egypt
- D) Indonesia

## CHALLENGE

- |   |  |
|---|--|
| 4. Lourdes, the Ganges River, Mecca, and Lumbini are all...   |  |
| A) UNESCO World Heritage Sites<br>B) Locations of famous Second World War battles<br>C) Sites of former summer Olympic Games<br>D) Sacred sites for various religions   |  |
| 5. True or False: Since 1990, the population of the world has risen by approximately 2 billion people. As the population of the world has risen, the number of languages throughout the world has also risen. |  |
| A) TRUE<br>B) FALSE   |  |
| 6. What do you call the process when a person or group adopts certain values and practices of a culture that is not originally their own?   |  |
| A) Cultural diffusion<br>B) Cultural hearth<br>C) Acculturation<br>D) Innovation  |  |
| 7. A journey taken to a religious site to pay respect or for religious purposes is called a...  |  |
| A) Rite<br>B) Sacrament<br>C) Pilgrimage<br>D) Voyage   |  |

## CHALLENGE

8. Which of these people are found in Scandinavia?
- A) Aztecs
  - B) Dene
  - C) Sami
  - D) Rohingya
- 
9. Which people are associated with Mount Everest and the Himalayas?
- A) Chukchis
  - B) Cossacks
  - C) Sherpas
  - D) Athabaskans
- 
10. What do you call a geographic boundary that marks a difference in a particular linguistic feature (ex: crawfish and crayfish mean the same thing in different regions in the United States)?
- A) Isogloss
  - B) Political border
  - C) Diaspora
  - D) Dialect