

## Geography Test

### Grade 11

Name: \_\_\_\_\_

#### TOPICS: FRONTS, HURRICANES AND CLIMATE ZONES/REGIONS

**Instruction:** There are two sections (Hurricanes and Climate/Zones) in this test, answer all questions in both sections. Point values are stated at the beginning of each section or at the end of short answer questions. **[Total Marks 36]**

#### Section 1: Fronts and Hurricanes (Multiple Choice question [1-6] are worth 1 mark each)

1.) Which of the following best describes the term "Front"?

- A. a boundary zone of separate air masses meeting
- B. a boundary zone of air masses that are blended
- C. a boundary zone of humid air masses subducting
- D. a boundary zone mixing hot and cold air masses

2.) Which fronts are labelled in the figure?

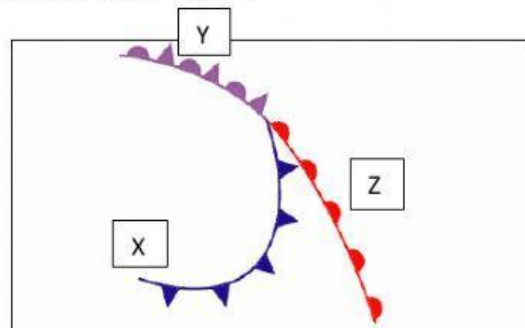


Fig.1

X	Y	Z
A. cold	occluded	warm
B. cold	warm	occluded
C. occluded	cold	warm
D. warm	occluded	cold

3.) Hurricanes are classified by which of the following scales?

- A. Richter Scale
- B. Saffir Simpson Scale
- C. Beaufort Scale
- D. Fujita Scale

4.) In the Northwest Pacific region hurricanes are referred to as .....

- A. Hurricanes
- B. Willy wille
- C. Tropical Cyclone
- D. Typhoons

5.) Which of the following alert is given when a coastal areas expects a storm within 36 hours.?

- A. Watch
- B. Alert
- C. Warning
- D. Alarm

6.) Which hurricane caused destructive damages in The Bahamas in 2016?

- A. Dorian
- B. Joquain
- C. Andrew
- D. Matthew

7.) Explain how hurricanes are named?

\_\_\_\_\_ [1]

8.) In the Caribbean region what days and months mark the beginning and ending of hurricane season?

\_\_\_\_\_ [1]

9.) Give the full name of the agency responsible for natural disaster preparation in The Bahamas.

\_\_\_\_\_ [1].

10.) State two positive effects of a hurricane.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ [2]

11.) Where do hurricanes which affect The Bahamas form?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ [3]

12.) What are three atmospheric conditions necessary for a hurricane to form?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ [3]

13.) Fig.2 shows a sectional view of a hurricane. Complete the diagram by listing the terms below.

eye	spiral rainbands	upper winds	eye wall
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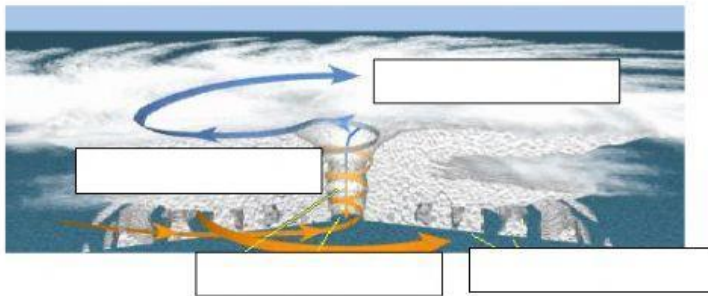


Fig. 2

Source: <http://hurricanes.noaa.gov/prepare/structure.htm>

[4]

**Section. 2: Climate, Zones and Vegetation** (Multiple Choice question [1-4] are worth 1 mark each)

1. Which climatic type has mild summer and cool winters?
  - A. Cool Temperate Western Margin
  - B. Equatorial
  - C. Mediterranean
  - D. Savannah
2. What is considered to be the driest desert in the world?
  - A. Sahara desert
  - B. Gobi desert
  - C. Atacama desert
  - D. Kalahari desert
3. The most important factor that influences climate is:
  - A. Latitude
  - B. Altitude
  - C. Winds
  - D. Ocean Currents
4. The Tropical climate zones can be found at:
  - A. 23.5° N to 66.5° S
  - B. 0° N to 23.5° S
  - C. 23.5° N to 23.4° S
  - D. 23.5° N to 66.5° S
5. Fig.3 shows the location of natural vegetation. Name one region where the dominant vegetation is Temperate Grassland.  
\_\_\_\_\_ [1]
6. The Bahamas is found in the \_\_\_\_\_ climate zone.  
\_\_\_\_\_ [1]

7. State two naturally occurring factors that affects climate.

\_\_\_\_\_  
\_\_\_\_\_ [2]

8. Explain the "Rain Shadow Effect".

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ [3]

9. How have humans affected climate change over the years.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ [4]