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]**

<u>Section 1: Fronts and Hurricanes</u> (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?

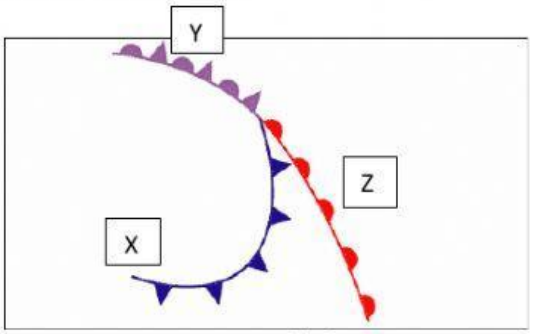

Fig.1

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

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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]

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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

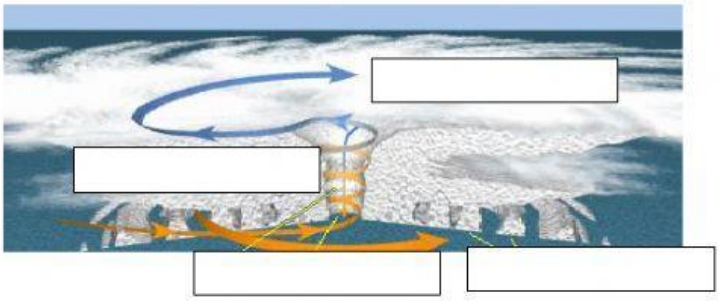

Fig. 2

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

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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]

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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]

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