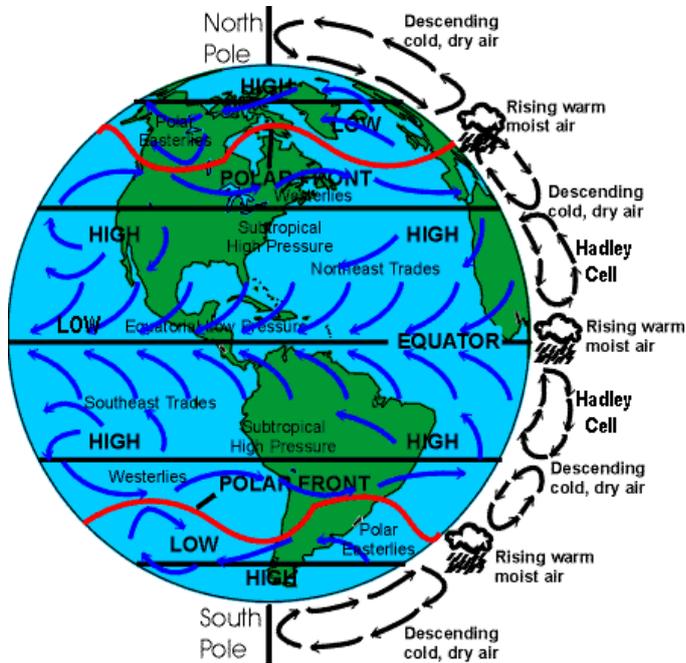


Hazardous Earth quiz

1. Study figure of high and low pressure and surface winds. Which of the statements describes the movement of air at polar areas?



- a) cold and dry air sinks down
 - b) warm and moist air rises
 - c) air is still
 - d) air moves up and down
2. Study figure of high and low pressure and surface winds above. Which of the statements describes the movement of air at polar areas?
 - a) cold and dry air sinks down
 - b) warm and moist air rises
 - c) air is still
 - d) air moves up and down
 3. Tick the response that best describes the weather conditions at high pressure belt:
 - a) thunder clouds and heavy rainfall
 - b) low average rainfall rain and rarely any clouds
 - c) arid and dry areas

4. Weather conditions at low pressure belt are:

- a) thunder clouds and heavy rainfall
- b) no rain and clouds
- c) arid and dry areas

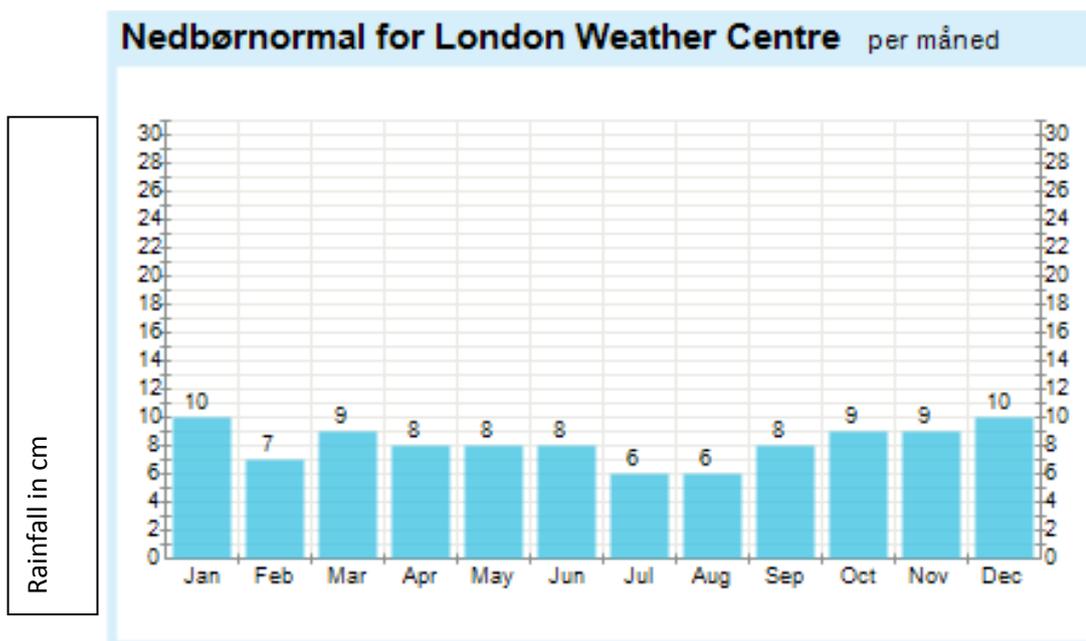
5. Which latitude receives the most solar radiations?

- a) Tropic of Cancer
- b) Tropic of Capricorn
- c) Equator

6. Calculate the average temperature of London, England.

Months	Temperature
January	5.9°C
February	6.0°C
March	8.0°C
April	9.9°C
May	13.3°C
June	16.2°C
July	18.6°C
August	18.6°C
September	15.9°C
October	12.4°C
November	8.7°C
December	6.9°C

7. Study the precipitation graph of London and the answer the questions that follow.



7a . Which month has the highest rain?

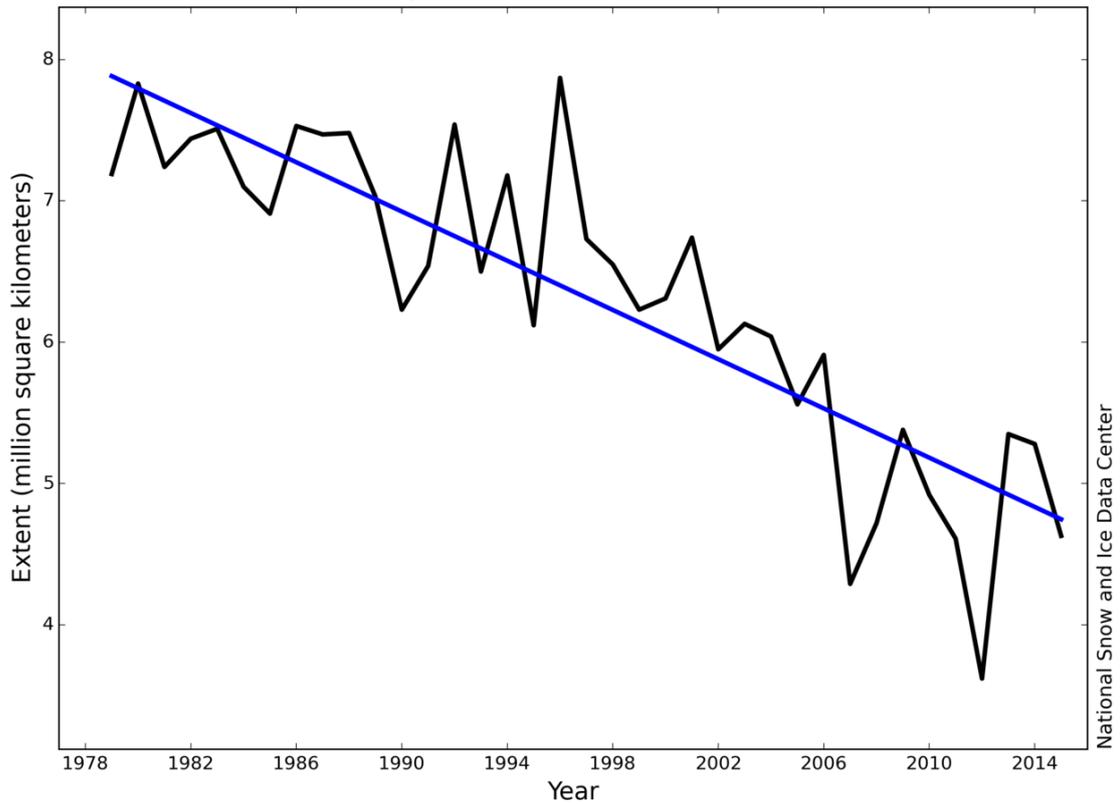
7 b. Which month has the lowest rainfall?

7 c . What is the total rainfall?

8. State one human cause of global climate change.

9. State one human cause of climate change.

Average Monthly Arctic Sea Ice Extent
September 1979 - 2015



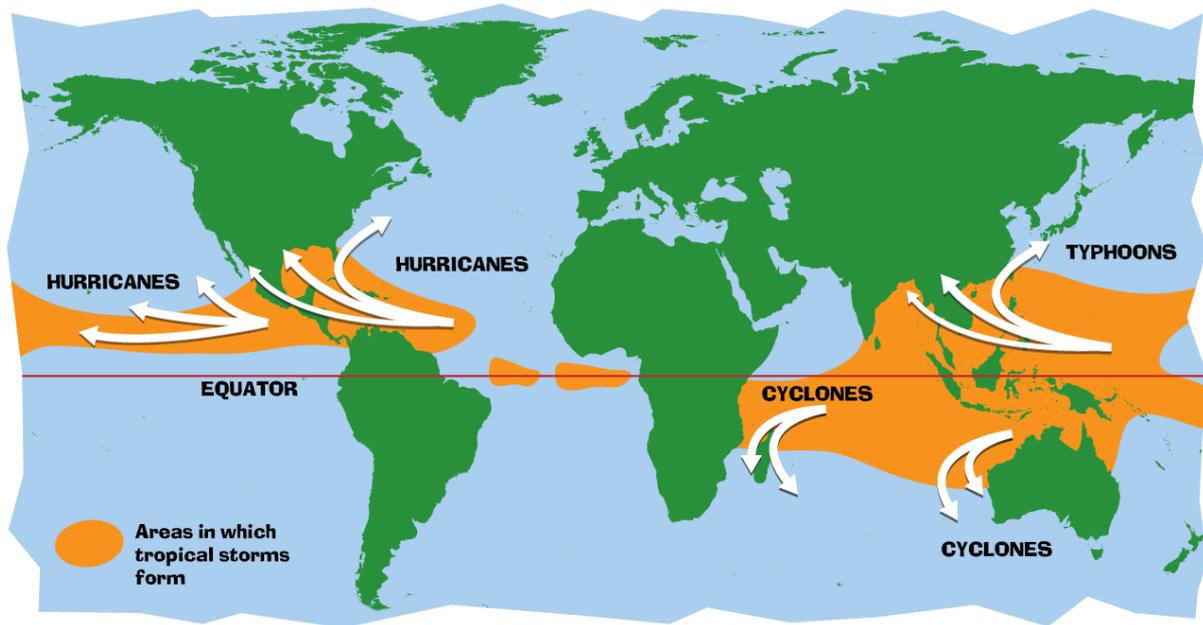
10. Study the graph of sea ice extent from 1979-2015.

a) What was the extent of ice cover in 2006?

b) What was the extent of ice cover in 2012?

c) How much has the area of ice cover gone down by between 2006 and 2012?

11. Study the map that shows distribution of tropical storms.



Which statement is true?

- a) Hurricanes occur in Indian ocean.
- b) Cyclones occur in Atlantic ocean
- c) Typhoons occur in Atlantic ocean
- d) Hurricanes occur between 8-20 degrees North

12. Hurricanes need four conditions to form. Which one of the following statement is not true about the conditions required for a tropical storm to form.

- a) High air pressure
- b) warm temperatures of around 26-27 degrees
- c) moist ocean air
- d) tropical winds (near the equator)

13. What is used to work out the path of cyclones?

- a) seismometer
- b) radon gas measurements
- c) Satellite photos
- d) Computer models

14. Name the hazards associated with tropical cyclones.

15. Calculate the ratio of number of deaths in Hurricane Katrina and cyclone Haiyan.

	Number of deaths
Hurricane Katrina	1800
Cyclone Haiyan	7000

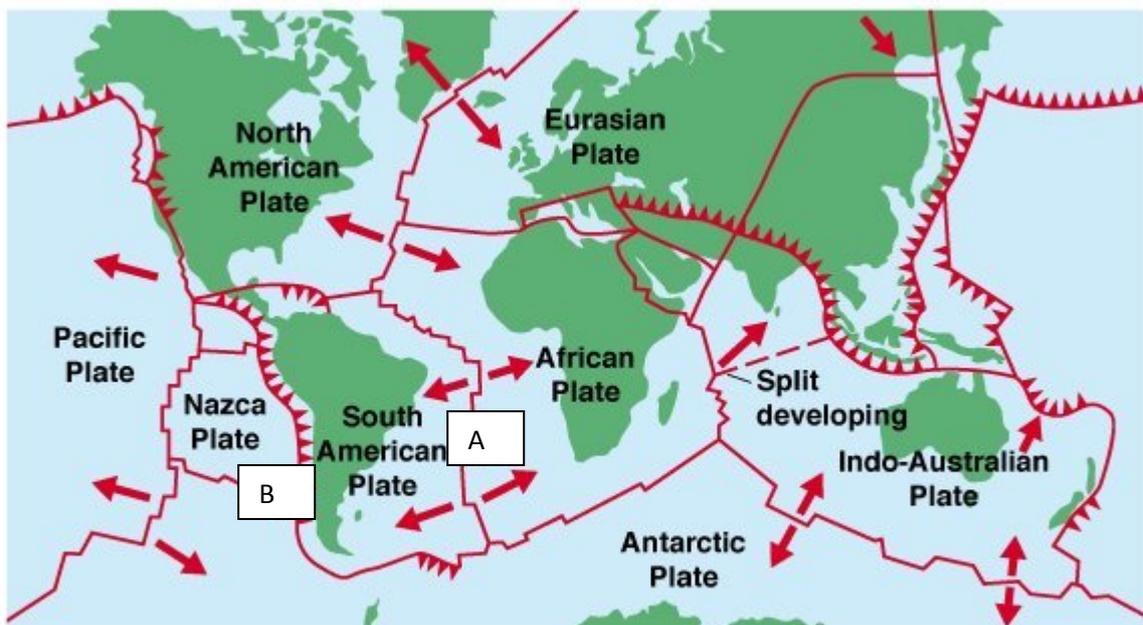
16. What causes the plates to move?

- a) Convection currents
- b) Conventional currents
- c) trade winds

17. Which one of the following are the correct statements about characteristics of oceanic crust?

- a) it is thick (W)
 - b) it is made of basaltic rock
- it is dense

18. Study the map of plate boundaries.



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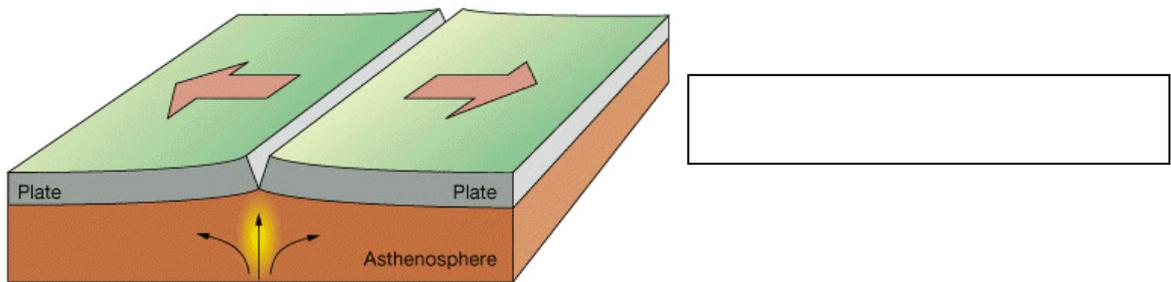
a) Name the plate boundary at A.

- 1) Divergent
- 2) Convergent
- 3) Transform

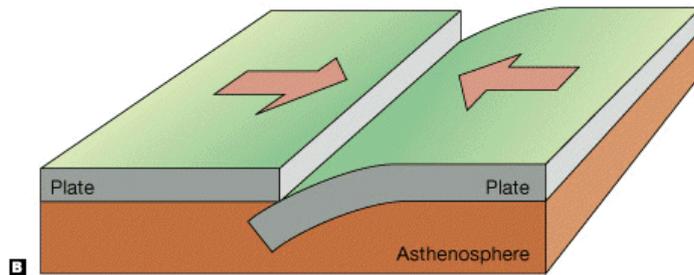
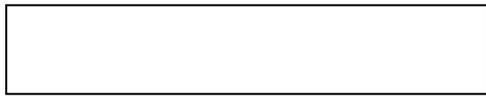
b) Name the plate boundary at B.

- 1) Divergent
- 2) Convergent
- 3) Transform

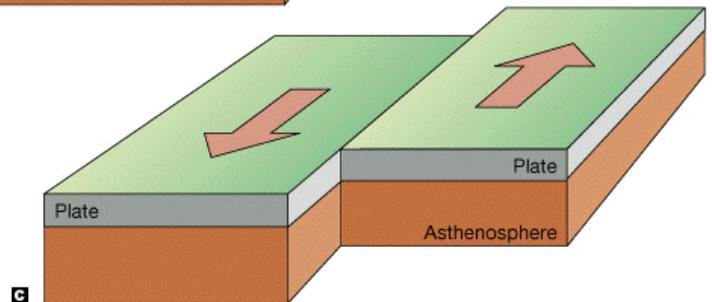
19. Identify the type of plate boundary in the following diagrams.



A



B



C

20. List two characteristics of shield volcanoes.