

# NALANDA COLLEGE - COLOMBO 10

## Unit Test

Grade 09

Science

Unit 18 – Natural Disasters

### Part I

❖ **Underline the most corrected answer.**

01. The most of the cyclones that effected to Sri Lanka had occurred in,

- (1). March and April (3). November and December  
(2). February and March (4). October and November

02. The central part of the cyclone is known as,

- (1). Centre of cyclone (3). Cyclone wall of the cyclone  
(2). Eye of the cyclone (4). Cyclone wall of the cyclone

03. The tectonic plate that Sri Lanka is belonged to,

- (1). Indian plate (3). Indo-Australian plate  
(2). Eurasian plate (4). Australian plate

04. Two tectonic plates more away from each other is known as

- (1). Convergent border (3). Divergent border  
(2). Slip border (4). None of the above

05. An instrument used to measure the strength of seismic waves related to an earthquake

- (1). Voltmeter (3). Seismometer  
(2). Earthquake meter (4). Wave meter

06. The point on the earth above the focus of an earthquake is,

- (1). the epicentre (2). the ecliptic (3). an equator (4). the epifocus

07. “Pacific fire ring” is the,

- (1). Oceanic ring of pacific ocean  
(2). Ring above the pacific plate  
(3). The region where the most of the earthquakes have broken out  
(4). None of the above

08. An amplitude of the tsunami wave in the deep sea is,

- (1). High (3). Same as near the land  
(2). Very low (4). Maximum

## Part II

01. (i). Define “a natural disaster”  
(ii). Mention 04 natural disasters.  
(iii). State 02 factors that cause cyclones.  
(iv). Explain the structure of a cyclone.
02. (i). What are known as “tremors”?  
(ii). Mention 03 ways of movement of tectonic plates.  
(iii). Explain following words.  
(a). Seismography  
(b). Richter scale  
(iv). State 03 human activities that would cause earthquakes.
03. (i). List down 04 incidents for causing tsunami.  
(ii). Explain how wave length and amplitude of the tsunami wave change in the deep sea and near the land.  
(iii). State 02 natural eco systems that retard the speed of tsunami waves.
04. (i). Mention 01 natural reason and human involvement to occur wild fires respectively.  
(ii). State 04 factors affect on the spread of wild fires.  
(iii). State 02 harmful effects of wild fires.
05. (i). Name 05 green house gases.  
(ii). State 03 ways by which above green house gases are added to the environment.  
(iii). List down 04 methods that can be used to prevent the increasement of global warming.

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