

6th Social Science Lesson 21 Questions in English**21. Understanding Disaster**

1. Which of the following statement is correct?

- 1) The latest development which has been discovered in the World Disaster Reports recently is that, the disasters have increased in frequency and intensity
- 2) India is one of the most disaster-prone countries in the world.
 - a) 1 alone
 - b) 2 alone
 - c) 1, 2
 - d) None

Explanation

Disaster is a very common phenomenon in the human society. The latest development which has been discovered in the World Disaster Reports recently is that, the disasters have increased in frequency and intensity. India is one of the most disaster-prone countries in the world.

2. The disaster can be broadly classified into_____ types

- a) Three
- b) **Two**
- c) Four
- d) Five

Explanation

'A disaster is a serious disruption of the functioning of a society involving human and material loss. Disaster is broadly classified into two types: natural and manmade disasters

3. The point where an earthquake originates is called its_____

- a) **Focus**
- b) Loci
- c) Epicentre
- d) Either a or c

Explanation

The sudden shaking of the earth at a place for a short spell of time is called an earthquake. The point where an earthquake originates is called its 'focus'.

4. The vertical point at the surface from the focus is called_____

- a) Locus

- b) Epicentre
- c) Either a or b
- d) None

Explanation

The sudden shaking of the earth at a place for a short spell of time is called an earthquake. The vertical point at the surface from the focus is called 'epicentre'.

5. Which of the following statement is incorrect?

- 1) The duration of the earthquake may be a few seconds to some minutes.
 - 2) Volcanoes are openings or vents where lava, small rocks and steam erupt onto the earth's surface
- a) 1 alone
 - b) 2 alone
 - c) 1, 2
 - d) **None**

Explanation

The duration of the earthquake may be a few seconds to some minutes. Volcanoes are openings or vents where lava, small rocks and steam erupt onto the earth's surface.

6. Tsunami are waves generated by_____

- a) Earthquake
- b) volcanic eruptions
- c) underwater landslides
- d) **all the above**

Explanation

Tsunami are waves which are generated by earthquake, volcanic eruptions and underwater landslides.

7. Which of the following statement is correct?

- 1) A high-pressure area which is encircled by low-pressure wind is called a cyclone
 - 2) The movement of a mass of rocks, debris, soil etc., downslope is called a landslide
- a) 1 alone
 - b) **2 alone**
 - c) 1, 2
 - d) None

Explanation

A low-pressure area which is encircled by high-pressure wind is called a cyclone. The movement of a mass of rocks, debris, soil etc., downslope is called a landslide.

8. A large amount of ice, snow, rock falling quickly down the side of a mountain is called_____

- a) Snowfall
- b) Iceberg
- c) **Avalanche**
- d) Landslide

Explanation

A large amount of ice, snow and rock falling quickly down the side of a mountain is called an Avalanche.

9. Which of the following statement is incorrect?

- 1) Thunder is a series of sudden electrical discharge resulting from atmospheric conditions
 - 2) This discharge results in sudden flashes of light and trembling sound waves which are commonly known as thunder and lightning
- a) 1 alone
 - b) 2 alone
 - c) 1, 2
 - d) **None**

Explanation

Thunder is a series of sudden electrical discharge resulting from atmospheric conditions. This discharge results in sudden flashes of light and trembling sound waves which are commonly known as thunder and lightning.

10. Which of the following is caused by human error?

- a) Chemical accidents
- b) Biological accidents
- c) **Both**
- d) None

Explanation

Chemical, biological accidents that occur due to human error. (e.g.) Bhopal gas tragedy. The social unrest or differences in principles leads to terrorism.

11. Which of the following statement is correct?

- 1) The term stampede is a sudden rush of a crowd of people
- 2) Massive forest fires may start in hot and dry weather as a result of lightning

- a) 1 alone
- b) 2 alone
- c) 1, 2
- d) None

Explanation

Massive forest fires may start in hot and dry weather as a result of lightning, and human carelessness or from other causal factors. Massive forest fires may start in hot and dry weather as a result of lightning, and human carelessness or from other causal factors.

12. A killer Tsunami hit the south east Asian countries on_____

- a) 26th of December, 2004
- b) 26th of December, 2005
- c) 25th of December, 2004
- d) 25th of December, 2005

Explanation

A killer Tsunami hit the south east Asian countries on the 26th of December, 2004. Tsunami are waves generated by earthquake, volcanic eruptions and underwater landslides.

13. Which of the following statement is correct regarding Tsunami in 21st century?

- 1) A massive earthquake with a magnitude of 9.1 -9.3 in the Richter scale epicentre in the Indonesian island of Sumatra
 - 2) It triggered one of the biggest Tsunamis the world had ever witnessed
- a) 1 alone
 - b) 2 alone
 - c) 1, 2
 - d) None

Explanation

On 26th of December, 2004, massive earthquake with a magnitude of 9.1 -9.3 in the Richter scale epicentre in the Indonesian island of Sumatra. It triggered one of the biggest Tsunamis the world had ever witnessed.

14. How many peoples were killed in Tsunami of 21st century?

- a) 2,00,000
- b) 3,00,000
- c) 30,000
- d) 20,000

Explanation

The Tsunami causing massive waves measuring up to 30 metres that killed more than 2,00,000 people of Asia.

15. Which of the following statement is correct?

- 1) In India, over 10,000 people were killed by Tsunami disaster
- 2) Tamil Nadu alone accounted for 1,705 deaths
 - a) 1 alone
 - b) 2 alone
 - c) 1, 2
 - d) None

Explanation

In India, over 10,000 people were killed by 21st century Tsunami disaster. Tamil Nadu alone accounted for 1,705 deaths.

16. _____ was the worst hit in the state of Tamil Nadu

- a) Nagapattinam
- b) Cuddalore
- c) Chennai
- d) Rameswaram

Explanation

All the coastal districts were affected, Nagapattinam was the worst hit in the state of Tamil Nadu. Fishermen, tourists, morning walkers, children playing in beach and people living on the coast were unprepared for the waves.

17. Which of the following statement is correct?

- 1) Tsunami Early Warning System at Indian National Centre for Ocean Information Services (INCOIS), Hyderabad in 2007
- 2) People lost their life and the most of the loss of lives and damage to property was within 500 metres of the shore
 - a) 1 alone
 - b) 2 alone
 - c) 1, 2
 - d) None

Explanation

Fishermen, tourists, morning walkers, children playing in beach and people living on the coast were unprepared for the waves. So, they lost their life and the most of the loss of lives and damage to property was within 500 metres of the shore. After that the Indian government set up a Tsunami

Early Warning System at Indian National Centre for Ocean Information Services (INCOIS), Hyderabad in 2007.

18. Which of the following is matched correctly?

- 1) Flash floods - Such floods are caused by Precipitation over large catchment areas or by melting of snow or sometimes both.
 - 2) Coastal floods - Such floods that occur within six hours during heavy rainfall
- a) 1 alone
 - b) 2 alone
 - c) 1, 2
 - d) None

Explanation

Flash floods: Such floods that occur within six hours during heavy rainfall.

River floods: Such floods are caused by Precipitation over large catchment areas or by melting of snow or sometimes both

Coastal floods: Sometimes floods are associated with cyclone high tides and tsunami

19. Which of the following is the cause of flood?

- a) Torrential Rainfall.
- b) Encroachment of rivers bank
- c) Excessive rainfall in catchment
- d) All the above

Explanation

Causes of floods are Torrential Rainfall, Encroachment of rivers bank, Excessive rainfall in catchment, Inefficient engineering design in the construction of embankments, dams and canals.

20. What are the effects of flood?

- a) Soil erosion
- b) Stagnation of water
- c) Destruction of drainage system
- d) All the above

Explanation

Effects of floods are Destruction of drainage system, Water pollution, Soil erosion, Stagnation of water, Loss of agricultural land and cattle, Loss of life and spread of contagious diseases.

21. Which of the following is correct statement?

- 1) The north east monsoon along with tropical cyclone hits Chennai every year and gives heavy cyclonic rainfall.
- 2) In 2016, November and December due to heavy rain, the devastating floods that hit Chennai and other parts of Tamil Nadu claimed more than 400 lives and caused enormous economic damage
 - a) 1 alone
 - b) 2 alone
 - c) 1, 2
 - d) None

Explanation

Chennai is one of the largest metropolitan cities in India, which lies on the south eastern coast. The north east monsoon along with tropical cyclone hits Chennai every year and gives heavy cyclonic rainfall. In 2015, November and December due to heavy rain, the devastating floods that hit Chennai and other parts of Tamil Nadu claimed more than 400 lives and caused enormous economic damage. The Government of India and Tamil Nadu have taken a lot of action to reduce loss of life and minimize human sufferings.

22. Which of the following is correctly matched?

- 1) Contagious - Transmissible by direct or indirect contact
- 2) Mitigation - The lessening of the adverse impacts of hazards and related disasters
 - a) 1 alone
 - b) 2 alone
 - c) 1, 2
 - d) None

Explanation

Mitigation: The lessening of the adverse impacts of hazards and related disasters.

Contagious: Transmissible by direct or indirect contact.