

5. Agriculture

Exercise

1 A. Question

Fill in the blanks:

The activity that involves immediate assistance, continuing assistance and restoration of infrastructure.

A. Preparedness

B. Response

C. Recovery

D. Mitigation

Answer

The activity that involves immediate assistance, continuing assistance and restoration of infrastructure is known as Response.

1 B. Question

Fill in the blanks:

The percentage of cultivable land prone to drought is

A. 90%

B. 70%

C. 60%

D. 55%

Answer

The percentage of cultivable land prone to drought is 70%. 74 affected districts and 13 states are affected by drought.

1 C. Question

Fill in the blanks:

When was the Disaster Management Act enacted in?

A. 2004

B. 2002

C. 2005

D. 2010

Answer

The Disaster Management Act was enacted in 2005. The act calls for establishment of National Disaster Management Authority(NDMA). This act has special provisions for tackling emergency situations during a natural disaster.

1 D. Question

Fill in the blanks:

The word “Tsunami” is derived from

- A. Greek
- B. Latin
- C. French
- D. Japanese

Answer

The word “Tsunami” is derived from Japanese meaning harbour wave or tidal wave. The word is taken from Japanese word because Tsunami waves hit Japan coast on regular basis. It is the biggest threat to Japan.

1 E. Question

Fill in the blanks:

How many Zones have been identified as the most affected by cyclones in the world?

- A. 4
- B. 6
- C. 8
- D. 7

Answer

6 zones have been identified as the most affected by cyclones in the world. A cyclone is a large scale air mass that rotates around a strong center of low atmospheric pressure.

2. Question

Match the following:

1. NDMA	a) Nepal Earthquake
2. Willie- Willie	b) Affected by drought
3. Pichavaram	c) The Prime Minister
4. Ramanathapuram	d) The mangroves
5. 7.8 Richter Scale	e) Austarlia

Answer

1. NDMA c) The Prime Minister

NDMA or National Disaster Management Authority was formed under the Disaster Management Act of 2005. It was formed because of regular natural disaster occurring in different parts of India. So the government of India formed a special body at national level to tackle these problems.

2. Willie- Willi e) Australia

Tropical cyclone also known as hurricane in eastern pacific, near Australia coast it is known as Willie- Willi.

3. Pichavaram d) The Mangroves

Pichavaram is a village in Tamilnadu state, it is a mangrove site and a wetland. The Mangrove is a shrub or small tree that grow in saline or brackish water.

4. Ramanathapuram b) Affected by drought

Ramnathapuram is a village in Tamilnadu. This place is suffering from less rainfall in present time. This district became the only district in Tamilnadu in 2017-18 to be affected from drought.

5. 7.8 Richter Scale a) Nepal Earthquake

Richter scale can be used to measure the intensity of an earthquake. Nepal is in the Himalayan region that's why Nepal is prone for high-intensity earthquake.

3 A. Question

Write the following answers shortly:

What are the types of disaster?

Answer

Disasters can be classified as natural disasters such as earthquakes, volcanic eruptions, flood etc., and man-made disasters like fire, industrial hazards, transport accidents etc.

3 B. Question

Write the following answers shortly:

What is Tsunami?

Answer

A tsunami or tidal wave is a series of waves caused by displacement of the large volume of water generally due to an earthquake or volcanic eruptions in the ocean floor. Tsunami hits mostly coastal areas like Japan, Philippines etc. in 2004 Tsunami hit the Indian Ocean and also India.

3 C. Question

Write the following answers shortly:

Define landslide and mention the causes of landslide.

Answer

Landslides are either sudden or slow movement of rock remains down the slope. They are caused by the instability of rocks. heavy torrential rainfall, tremor etc. mostly landslides occur in hilly areas like in the Himalayan region and at the time of heavy rainfall. Uttarakhand suffers a lot from regular landslides in the rainy season, here roads blocked, properties are destroyed by landslides on regular basis.

3 D. Question

Write the following answers shortly:

How many districts are cyclone hit in Tamil Nadu?

Answer

A cyclone is a large scale air mass that rotates around a strong center of low atmospheric pressure. Tamilnadu is a state in india which suffers from cyclone, like in 2017 a cyclone named Cyclone Ockhi occurred in Bay Of Bengal and hit Tamilnadu coast. There are 13 cyclone hit districts in Tamilnadu.

3 E. Question

Write the following answers shortly:

Write any Two Points on Transport safety Management in Schools.

Answer

Two Points on Transport safety Management in Schools are-

(a) General awareness programmes of transport safety should be provided frequently to the school children.

(b) Training should be given to school children on transport safety.

4 A. Question

Answer the following in detail:

Write any four places where fire accidents likely to occur any two do's and don'ts fire accidents.

Answer

Fire accidents are likely to occur in the following four places -

- 1) chemical industries.
- 2) places where electricity is like to leak out like computer lab, kitchen etc.
- 3) forests in dry period
- 4) petrol banks
- 5) industries

Do's during fire accidents -

- 1) Call for an immediate help by shouting or ringing bell loudly.
- 2) Put off the fire using sand or fire extinguisher.

Don'ts during fire accidents -

- 1) Never put anything into an electric outlet, not even while playing.
- 2) Never play with crackers without adult help.

4 B. Question

Answer the following in detail:

Write in detail about flood.

Answer

Sudden overflow of large volumes of water off the river bank is known as flood. It is largely caused by heavy rainfall, cyclone, ice melting, Tsunami and dam burst. Floods bring devastating effects on agriculture, settlements, life of both human beings and animals. It destroys the agricultural fields and makes the lands irrevocable. Mumbai and its surroundings are affected by floods during the South West Monsoon and Tamil Nadu, Andhra Pradesh and Odisha are affected by floods during the North East Monsoon. In India 175 flood forecast centers have been established.

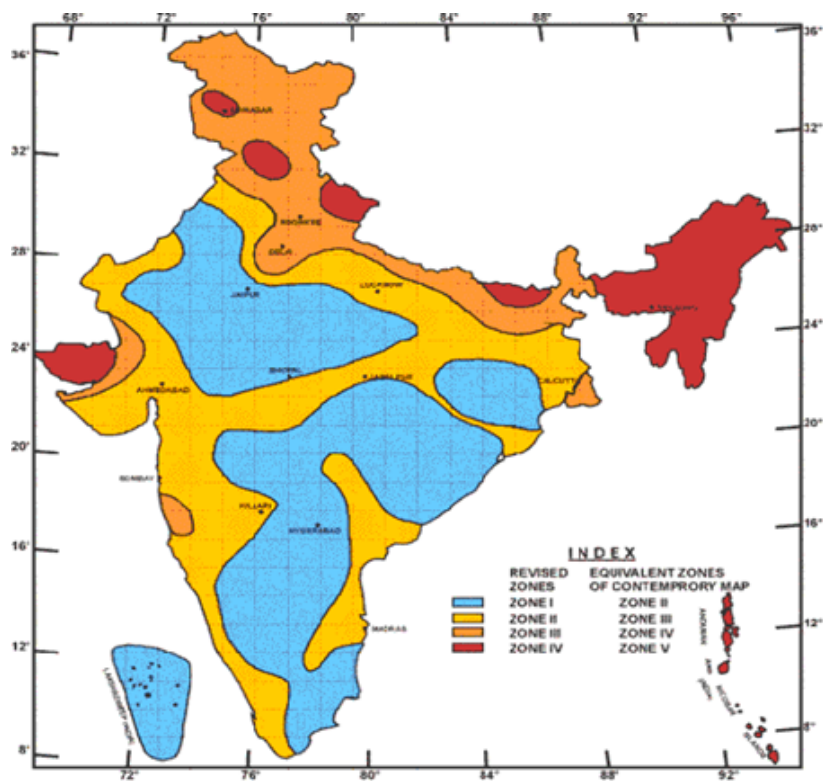
4 C. Question

Answer the following in detail:

Write in detail about Earthquake.

Answer

An earthquake is the shaking of the surface of the Earth. They are caused by the sudden movements of the earth's tectonic plates. The study of earthquakes is called as seismology. The magnitude of an earthquake is measured on the Richter Scale. It is numbered 0-9. An earthquake in the ocean can cause a tsunami. Landslides can happen too. India is divided into 4 seismic zones (Zones 2,3,4 and 5). Zone 5 expects the highest level of seismic activity and zone 2 expects lowest.



4 D. Question

Answer the following in detail:

What is stampede? Write the effects of stampede.

Answer

Stampede is a sudden headlong rush or flight of a crowd of people for certain reasons. Crowd stampede causes death, injuries, loss of property and suffocation.

Effects of stampede -

- 1) Huge loss of life.
- 2) Severe injuries to people.
- 3) Damage of infrastructure.
- 4) Loss of property.

Activity

1. Question

Activity 1

Identify the states and areas that are vulnerable to floods by the following rivers:	
Brahmaputra	
Ganga	
Sutlej	
Godavari	
Kaveri	

Answer

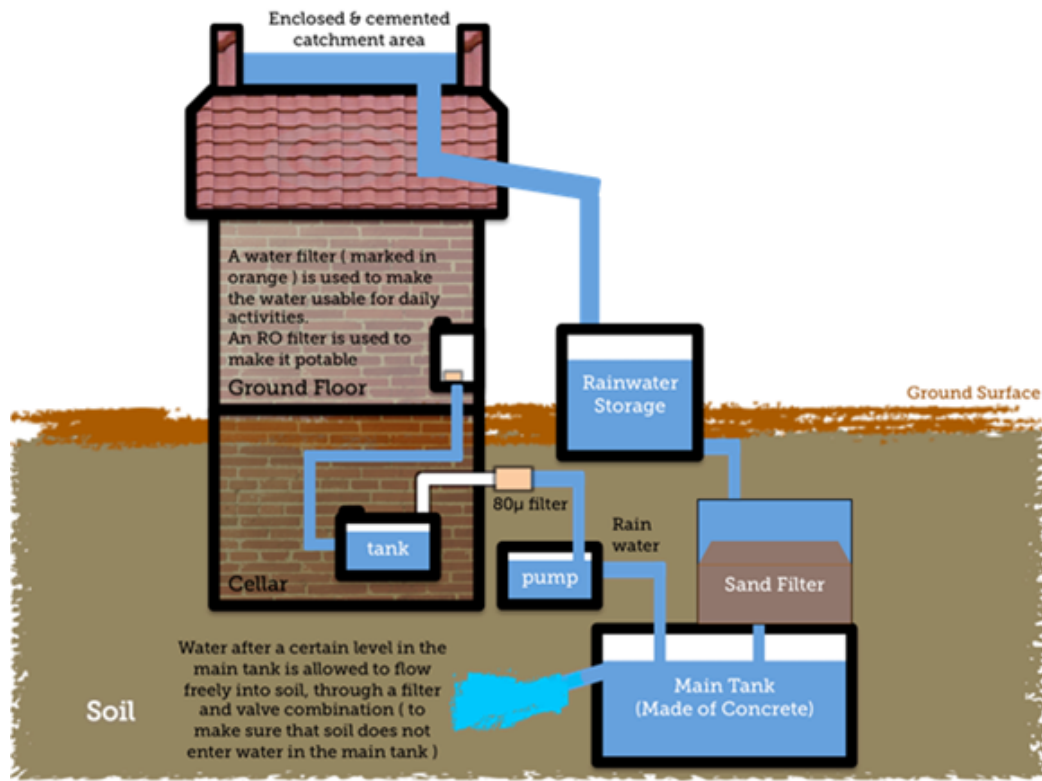
Identify the states and areas that are vulnerable to floods by the following rivers:	
Brahmaputra	Assam, Arunachal Pradesh.
Ganga	Uttarakhand, Uttar Pradesh, Bihar, Jharkhand, and West Bengal
Sutlej	Himachal Pradesh, Punjab.
Godavari	Maharashtra, Telangana, Chhattisgarh, Andhra Pradesh, Puducherry
Kaveri	Karnataka, Tamil Nadu.

2. Question

Activity 2

Make chart to disseminate information on water conservation and harvesting also create awareness on important Do's and Don'ts and before after drought.

Answer



Preparing for drought u should mainly focus on water conservation

Few things u can do.

DO's- 1. Never waste water just try to conserve water.

2. check water leakage in your house and repair them.

3. use micro-irrigation facilities for agriculture.

4. insulate water pipes to reduce heat loss.

DON's- 1. Don't waste water, use it wisely.

2. monitor rainfall situation and then use water accordingly in daily life and agriculture also.

3. Do not waste food because cooking food needs large amount of water and also it could be useful for someone.

3. Question

Activity 3

Organise a Traffic Safety Week in your School with the help of your teachers. Ask your local authorities how you can create awareness among commuters

Answer

We have to make the commuters understand that -

1. Following the rules is the norm.

2. Horns are not part of our national choir.

3. Jumping a red light is an act of stupidity, not bravado.
4. Self-parking is not yet an inbuilt feature of the vehicles.
5. Not sticking to the lane doesn't make you a national hero.
6. Self-appointed hyperventilating experts should follow the norms of the system before blaming the system.