

KIRAN TUTORIALS

Seat No.

--	--	--	--	--	--	--	--

Std 10 (English)**Science And Technology - II****Date 30-09-20****Time 1HRS****Chapter 10.00****Marks 20****Q.1 Multiple Choice Questions 2**

- 1 What should be done if the gas cylinder at your home catches fire?
 a. Water should be sprinkled.
 b. Sand, soil should be put at it.
 c. Cylinder should be covered with wet blanket.
 d. One should run away.

Ans Option c.

- 2 All of the following are geophysical disasters except
 a. Poisonous gases b. Earthquakes c. Alkalization d. Volcano

Ans Option a.**Q.2 Find the odd one out 1**

- 1 Terrorism, Famine, Forest fire, Earthquakes, Tsunamis

Ans Terrorism, it is a man-made disaster while others are natural disasters.**Q.3 Give scientific reasons (Any Two) 4**

- 1 It is essential to get the training of first aid.

Ans i. Training of First aid can be of great use especially at the face of disaster.
 A trained person can work in right direction towards saving life, relieving the pain and preventing
 ii. deterioration of condition of victims of disaster.
 In the absence of knowledge one might not be able to save or relieve the victim even if he intends to
 iii. do so, infact can also harm the victim.

- 2 Effective disaster management makes us well prepared for future.

Ans i. Disaster management involves achieving the abilities to face disasters in the future.
 ii. It involves planning to minimize the losses due to disasters.
 Improvement in the ability to face disasters is achieved time to time through scientific and careful
 iii. observations and data analysis.
 Hence, it is said that effective disaster management makes us well prepared for future.

- 3 Increase in human disasters after the World War-II ?

Ans i. After World War II, ever increasing human population and their increasing needs have put burden on limited resources.
 ii. As a result situations like economic inequality, racial and religious differences, social differences arose which gave rise to instability.
 iii. This is the reason for increase in human disasters like war, Incidences of terrorism, riots, abduction etc. These are on rise in these days.

Q.4 Distinguish between 2

- 1 Pre- disaster management and Post-disaster management.

--	--	--	--	--	--	--	--

Ans	Pre- disaster	Post-disaster
i.	It comes into action even before the disaster occurs to prevent the loss from coming event predicted.	It comes into action after the disaster has taken place.
ii.	The pre-disaster area is uncertain.	The disaster area is certain after occurrence.
iii.	It includes precaution and prevention method for the predicted disaster.	It includes quick actions, medical facilities, etc. for the victims of the occurred disaster.
iv.	It has different preparatory events as Mock drills to be alert regarding the disaster foreseen.	It includes various phases as emergency phase, rehabilitation phase, reconstruction phase, etc. to overcome the loss in the disaster.

Q.5 Suggest remedies / measures

6

1 Write remedies for drought.

Ans Remedies:-

i.	Water conservation and storage.
ii.	Taking measures to prevent air and water pollution.
iii.	Rainwater harvesting.
iv.	Nations must limit the amount of greenhouse gases emitted into the Earth's atmosphere.
v.	Interlinking of national water resources (rivers). Water management can be much better that way.
vi.	Dams and other water storage mechanism need to be in place.

2 State the remedies of motor accident and land sliding.

Ans **Motor Accident Remedies:-**

- a. Following the traffic signals.
- b. Do not drink and drive.
- c. Do not talk on mobiles while driving.

Land Sliding Remedies:-

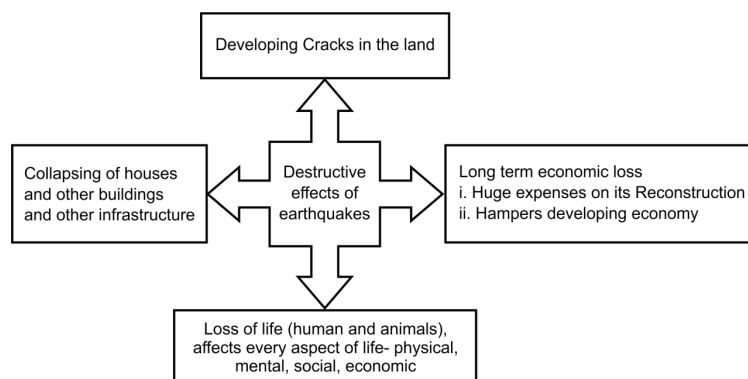
- a. Increase in vegetation cover.
- b. Planting trees on slopes.
- c. Afforestation
- d. Cutting of trees should be avoided.
- e. Natural water streams should not be obstructed during construction.

Q.6 Answer the following in detail (Any One)

5

1 Explain the destructive effects of earthquake ?

Ans



2 What is forest fire ? Explain atleast 4 effect on environment ?**Ans**