

CLASS—IX

TOPIC— TALE FROM HILLS

SUBJECT—S.SCIENCE

ADDITIONAL QUESTIONS

Q 1) WRITE THE OUTCOME OF DISASTER

A) i) IT RESULTS IN LOSS OF LIFE & PROPERTY.

ii) IT DISRUPTS THE NORMAL FUNCTIONING OF SOCIETY.

iii) PEOPLE EXPECT GOVERNMENT GRANTS FOR REHABILITATION.

Q2) DEVELOPMENT IS THE DIRE NEED OF TIME BUT SHOULD IT BE AT THE COST OF NATURE? DISCUSS.

A) THERE IS NO DOUBT THAT DEVELOPMENT IS ESSENTIAL TO MEET CHALLENGES. BUT NOT AT THE COST OF NATURE. AS DEVELOPMENT PROGRAMMES CAN INCREASE THE CHANCES OF DISASTER. THEY ARE HARMFUL IN THE FOLLOWING WAYS:

1. POORLY MANAGED FORESTRY PROGRAMMES WILL LEAD TO DEFORESTATION AND INCREASE RISKS OF LANDSLIDES.

2. WATER RESOURCE MANAGEMENT PROJECT, LIKE DAM CONSTRUCTION ALSO INCREASE RISK OF EARTHQUAKES.

Q3) "FIRST RESPONDER TO THE DISASTER, TO SOME EXTENT CAN AVERT THE QUANTAM OF LOSS". WHAT WILL BE YOUR ROLE AS FIRST RESPONDER IN CASE OF LANDSLIDE?

A) IT IS TRUE THAT FIRST RESPONDER CAN REDUCE THE LOSS OF DISASTER. FIRST RESPONDER ARE THE MEN AND WOMEN WHO PUT THEIR LIFE ON THE LINE WHEN THE LIVES OF OTHERS ARE IN DANGER. AS A FIRST RESPONDER IN CASE OF LANDSLIDE MY ROLE WILL BE TO

i) REACH THE AFFECTED PLACE AT THE EARLIEST

ii) SURVEY THE SCENE, MAKE SURE IT IS SAFE.

- iii) USE FIRST AID AND CALL FOR AMBULANCE
- iv) REQUEST MORE HELP IF NEEDED TO MINIMISE LOSS OF LIFE OR DAMAGE TO PROPERTY IF POSSIBLE.

Q4) IN THE GIVEN STORY, BANSI ASKED HIS GRANDFATHER, “ WHO HAS CAUSED THIS DESTRUCTION?” HIS GRAND FATHER REPIED,” WE, THE HUMAN BEINGS.” JUSITFY THE STATEMENT .

A) GREED OF THE HUMAN BEINGS IS CAUSING IMBALANCE IN THE ENVIRONMENT. HUMAN ACTIVITIES LIKE DEFORESATATION, DAM CONSTRUCTION ON HILLY AREAS ETC. INCREASE RISKS TO LARGE POPULATION BY DISPLACEMENTS OR BY INCREASING RISK OF FLOODS.TOURIST DEVELOPMENT CAN INCREASE POTENTIAL VULNERABLITY SUBSTANTIALY.LIVESTOCK DEVELOPMENT PROJECTS CAN LEAD TO SEVERE LOSS OF VEGETATION COVER AND CONDITIONS OF NEAR DESERTIFICATION.

Q5) HOW COULD DETERMINE THAT DEVELOPMENT USUALLY INCREASES VULNERABILITY IN THE ENVIRONMENT ?

- A) DEVELOPMENT USUALLY INCREASES VULNERABILITY IN THE ENVIRONMENT BY
- a) DENSE URBAN SETTLEMENT.b) DEVELOPMENT OF HAZARDOUS SITES.
 - c) ENVIRONMENTAL DEGRADATION D) TECHNOLOGICAL FAILURES OR ACCIDENTS

Q6) WRITEMITIGATION STRATEGIES DURING DISASTER.

- A) i) EARLY WARNING SYSTEM
- II) DATA COLLECTION & ANALYSIS
 - iii) PREDICTION
 - IV) EDUCATION ,TRAINING &AWARENESS
 - v) EFFECTIVE EVACUATION PLANS

Q7) DISCUSS MITIGATION MEASURES FOR THE POST DISASTER.

A) i) RESCUE , EVACUATION, RELIEF MEASURES, REHABILITATION PROGRAMMES, RECONSTRUCTION , HELP FROM SOCIAL WORKERS & NGOS.

Q8) WHAT WERE THE CHANGES IN VILLAGE ? HOW FAR WERE THESE CHANGES IN VILLAGE RESPONSIBLE FOR DISASTER ?

A) THE FOLLOWING CHANGES AGGRAVATED THE SITUATION & AS A RESULT DISASTER OCCUR

I) Wide , pucca roads .

II) Big restaurant in place of Dhaba.

III) LARGE NUMBER OF HUGE VEHICLES

iv) GROWTH OF TOURIST INDUSTRIES

vi) ROADS, RESTAURANTS, MULTISTORIED HOUSES, SHOPS WERE BUILT UPON FOREST LANDS .