

# Class 11 holiday's homework

Q.1 Green house gas emissions from solid waste have been declining in Germany and Japan. A ban on landfilling of non-pre-treated waste in Germany has led to 47 per cent of the waste being recycled, and 36 per cent incinerated. In Japan, 75 per cent of the waste is incinerated, while 21 per cent is recycled. The regulations in both countries ensure that incinerators have state-of-the-art emission control technologies, and the directly landfilled municipal solid waste is as low as one per cent.

India needs to improve its municipal solid waste management with the triple objective of resource recovery, improving public health conditions and mitigating the risks associated with human-induced global warming.

a. What is the relation between solid waste disposal and GHG emissions? How can managing solid waste help tackle climate change too ? (100 words)

b. Suggest five different ways to improve the municipal solid waste management in India .

Q.2 After a ban on fire crackers by the supreme court of india several incidents of their use were still reported. Punishing citizens for this violation could be avoided if we make environment friendly crackers.

- a. What is the composition of crackers ?
- b. What gives different colours to burning crackers ?
- c. What are the most harmful pollutants released in atmosphere due to burning of crackers ?
- d. What are the harmful effects of burning the crackers ?
- e. How can we make environment friendly crackers ?

Q.3 What are Bio-fuels ? Discuss how bio-fuels can solve the problem of pollution in India.

Q.4 A case study:

Gramin Health Care clinics were set up at IFFCO bazaars. The clinics were strategically located at IFFCO bazaars to ensure easy accessibility for a cluster of nearby villages. People were expected to begin accessing a modern healthcare clinic, which was operational throughout the year. However, the turnout was very low.

A new approach was adopted- holding camps and reaching out to the villages and people started responding. The experience of interacting with the villagers exposed the strong hold that conventional beliefs and habits had on people. The lack of trust on existing healthcare models was evident given over the years, thousands of villages in India were left untouched by primary healthcare.

Busting various myths, sharing continued education

and awareness, and rendering door-to-door services especially for women and child care — triggered a change in the behavioural patterns of the villagers who began trusting a scientifically sound model, and moved away from long entrenched practices of going to quacks and unqualified doctors.

a. How behavioural patterns, old traditions, beliefs, and habits affect the success of healthcare efforts? Give examples of any two myths which continue to affect the health of people around you ?

b. Comment on the various challenges faced by the government during its measles rubella vaccination drive in Punjab.

### **Q.5• A case study**

The global population of the Great Indian Bustard plummeted from 1,300 in the 1970s to a mere 300 between 2011-12.

- Rajasthan and Abdasa (Kutch, Gujarat) are the last remaining abodes of the GIB.

- Apart from power lines (high voltage ones, running above the ground) and loss of grassland are the reasons behind the decline.

a. Prepare a report on 10 extinct or threatened species of birds or animals in India ? Mention the

causes for their extinction. On a political map of India locate the home states of these birds or animals.

Q.6 .Suicide rates are alarmingly high amongst farming community in India (1 .4- 1 .8/100000 farmer suicide account for 1 1% suicides in India).

a. Why do farmers commit suicides ?

b. Do you think loan waivers are the solution to deepening farmer crisis ?

c. Adequate policy push is required to make the farmers of Punjab financially stable. Analyze.

Q. 7 Mankidia, a particularly vulnerable tribal group that critically depends on making rope with siali fibre that's richly available in Similipal tiger reserve, has been deprived of the non-timber forest produce.

The State Forest Department has objected on grounds that tribals could be attacked by wild animals, especially tigers. Habitat rights would also create barriers for free movement of tigers and other animals.

a. What is a tiger reserve ?

b. What is the importance of tiger reserve ? Name two most important tiger reserves of your country.

c. How the decision of forest department to deprive them of Forest produce affect Mankidia tribe?

d. What are particularly vulnerable tribal groups (PVTG) ? How many PVTGs does Punjab have ?

e. How does the government of India protect the interests of PVTGs ?

f. Write a solution to the conflict of interest of tribals and state forest department.

Q. 8. India's GDP in 2015 was 8.1% , in 2016 it was 7.1 % , in 2017 it was 7.6%. GDP forecast for India for fiscal year 2018 is 6.5%. Only way out of this declining rate of growth seems to be the positive investor sentiment to boost investments.

a. what is GDP ? How is it different from National income ?

b. what do you think are the major reasons for declining gross domestic product ?

c. what are the various measures adopted by the government of India to boost private investment in the country ?

Q. 9 • India was ranked the most unethical of 13 major economies in the 2016 Global Business Ethics

Survey. Unethical business practices is on rise.  
Analyze. (200 words)

Q. 10 India is a proud mother, witness of the history where her brave sons and daughters had taken bullets on their chests and where her children had lived lives full of struggle while serving her and saving her dignity and territorial integrity. Today she is a witness to several of her children leaving her lap in search for better future.

"When revolutionary regimes stagnate, confusion and chaos reign, and both are palpably true of the India today."

Being a son/daughter what would you tell mother India if you had the chance?

Pick up the pen and write or record your Letter To India. Don't be silent, tell her how you feel.

Q. 11 The CBSE has assiduously built a great reputation since 1962 as one of the most credible examining bodies in the world. Recent CBSE board exams paper leakage raises questions regarding credibility of the examination system in India. Suggest measures to avoid occurrence of such incidents in future.

Q. 12 Write the procedure to be followed for :

- a) How to open a bank account ?
- b) How to deposit demand drafts ?
- c) How to cash a cheque ?

Q. 13 How the banking frauds like PNB effect the pocket of a common man . What can be the bullwark against such frauds . Suggest measures.

Q.14 What is the impact of Social media on the youth around you ?