

Holiday Homework

Class IX

English

- Q1. Learn and write one word substitution 50.
- Q2. Write your experience of lockdown in about 100-120 words.
- Q3. Learn and write 5-5 quotations for each-
- a. Health
 - b. Environment
 - c. Education
 - d. Books
- Q4. Write a letter to your pen friend who is in America experiencing lockdown.
- Q5. Learn and write words often confused (1-20) frame sentences.
- Q6. Write a self composed poem on the topic 'Thank You Essential Care Workers'.
- Q7. Watch everyday episodes of Mahabharata and Ramayana and write
- a. Which character did you like the most and why?
 - b. Which qualities would you like to imbibe in your life?
 - c. Which episode/scene you liked the most and why?
 - d. Write 10-10 characters of each Ramayana and Mahabharata.
- Note- Select any of the serial of your choice to give answers of a, b and c.

Science

- 1- Define the following terms :
- a) Irrigation b) Threshing c) symbiosis
 - d) Communicable diseases e) Malleability f) Ductility
 - g) Pressure h) Friction
- 2- Differentiate between manure and fertilisers.
- 3- Why should one always wash hands before eating ?
- 4- What are antibiotics ?
- 5- Name some common diseases caused in humans by micro-organisms.
- 6- Most plastics are non-biodegradable. What does it mean ?
- 7- Draw a terrestrial food chain starting with producer (grass)
- 8- State some ways of preventing rusting of iron.
- 9- Differentiate between renewable and non-renewable resources.
- 10- What are the different methods to reduce friction.
- 11- What are the impacts of lockdown:-
- a) On environment b) On our lives.

Social Science

- Q.1 Analyse the effect of globalization in India? Also suggest any three ways to improve the environmental sustainability?
- Q.2 Explain the meaning of Curfew, Jantacurfew, Social distancing and Lock down. How these three are different from each other. Write the names of few countries that are lock down these days and from which to which date?
- Q.3 Our Taj Mahal is suffering from marble cancer? What is it? What court has order the industries near it. Make a report on Taj Mahal marble cancer and how to preserve it?
- Q.4 As we all know the whole world is suffering from a huge pandemic 'Corona Virus 'or

Covid19. Make a report on its origin from which country and its way to the whole world. How many people got affected and how the government of all the countries came together to fight against it. The steps taken by Indian government and what was discussed in G-20 meeting?

- Q.5 Most prosperous industrial cities lie along the coastlines of a country like Mumbai, London and New York. Write a brief report on the reason of location of Industrial Centres along the sea coast?
- Q.6 Write a detail report on "Civil Disobedience Movement" and "Non Co-operation Movement"?
- Q.7 Describe any five features of Bhartiya Janta Party and National Congress Party?

हिंदी परियोजना कार्य

क. वाद-विवाद प्रतियोगिता में भाग लेने के लिए प्राचार्य से अनुमति के लिए प्रार्थना-पत्र लिखिए।

ख. शुल्क माफी के लिए प्रधानाचार्या को प्रार्थना-पत्र लिखिए।

ग. अपने किसी प्रिय खेल पर एक अनुच्छेद 100 शब्दों में लिखते हुए बताइए कि यह आपको क्यों पसंद है।

संकेत बिंदु-प्रस्तावना, खेल का परिचय, खेल की विशेषताएँ।

घ. कोरोनावायरस पर माँ व पुत्री में हुए वार्तालाप को 100 शब्दों में लिखिए।

ड. चित्र देखकर रोचक और सरल शब्दों में अपने विचार 100 शब्दों में लिखिए।



Maths

1. A man is climbing up a mountain which is inclined. He has to travel 100 km to reach top of mountain. Every day He climbs up 2 km forward in day time. Exhausted, he then takes rest there at night time. At night, while he is asleep, he slips down 1 km backward because mountain is inclined. Then how many days does it take him to reach mountain top ?
2. A teacher gave 13 marks to one student and 12 marks to another student in one exam.

Can you tell the TIME by using the above sentence ?

3. The day before yesterday I was 25. The next year I will be 28. This is true only one day in a year. What day is my Birthday ?
4. You have 3 litre bottle and 5 litre bottle. How can you measure 4 litres of water by using 3Lt and 5Lt bottles?
5. Expand $(2x - 5)(x - 3)$
6. 1. If $8x - 4 = 6x - 10$, find the value of $5x$.
7. Find the value of x which satisfies the equation: $5(x - 7) = 7x - 53$.
8. Solve ; $6(x - 4) + 3(x + 7) = 34$.
9. Solve: $15 - 45 \div 9 + 7 \times 2$
10. Solve: $100 \div (50 \times 2) - 2$
11. Rajan buys a toy for Rs. 75 and sells it for Rs. 100. Find his gain percent.
12. Solve:(a) $y - 3 = 35$ (b) $5 - y = 2$
13. If 26% of a number is 65. Find the number.
14. A dice was thrown 30 times and the following outcomes were noted:
2, 1, 5, 7, 3, 9, 3, 8, 4, 6, 9, 2, 5, 7, 4, 3, 6, 9, 4, 5, 9, 4, 7, 1, 2, 5, 4, 5
Prepare a frequency table.