



## Holiday Homework

Academic Session : 2019-20

Class - VIII

### English

1. You are the Councilor of Moti Nagar. Draft a notice, appealing to the people of the area, to minimize the wastage of water since the surrounding areas have been affected due to acute water shortage.

2. Chapter 40  
(Do Synonyms and Antonyms 1 to 20)

### Hindi

- देश में बढ़ते भ्रष्टाचार के संबंध में दो व्यक्तियों की बातचीत को संवाद के रूप में लिखिए।
- दो मित्रों में किसी विषय की पढ़ाई संबंधी कठिनाइयों के संबंध में हुई बातचीत को संवाद के रूप में लिखिए।

### Maths

#### Chapter: Rational numbers

- Find the three rational numbers between -2 and -3.
- What should be added to  $8/14$  to get  $-2/7$ .
- The two rational numbers is  $-13/33$ . If one of them is  $-7/11$ , find the other.
- Simplify:
  - $15/2 + -11/3 + 6 + -7/6 + 9/8$
  - $6/7 + 1 + -7/9 + -12/7 + 19/21$ .

#### Chapter: Exponents

- Express  $(-3/4)^2$  as a rational number.
- Evaluate the following:
  - $(5/4)^{-10} / (5/4)^3$ .
  - $(5/13)^2 \times (5/13)^{-5}$
- Find the value of m.
  - $(2/3)^2 \times (2/5)^5 = (2/5)^m$
  - $(2/7)^{-5} \times (2/7)^m = (2/7)^{11}$

#### Chapter: Representing 3D in 2D

- Draw the net of a cube of side 4cm.
- Verify Euler's formula for cube, cuboid and triangular pyramid.

## Science

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| <ol style="list-style-type: none"><li>1. What is polyester? List out some of its uses?</li><li>2. What is rhizobium? How is it useful?</li><li>3. Explain different group of micro-organism?</li></ol> | <ol style="list-style-type: none"><li>4. What is the full form of PVC, PET, HDPE, and LDPE? Write their uses</li><li>5. Water pollution is major hazard. Why?</li><li>6. Write mind map for synthetic fibers?</li></ol> |
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## Social Studies

### **DETAILED WORK**

- a. Detailed report about all the persons involved in Movement of Bengal. (With information and photographs).
- b. Draw a labeled diagram /pie chart of availability of water with brief information.

### **MAP WORK**

- a. Outline all the different types of resources found in our country on Indian Political map.
  - b. Outline all the different regions where British established there colonial rule on Indian political map.
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