## ENGLISH

1. **Read the following passage and find the meanings of the underlined words from the dictionary and write them:**

   Planting a **sapling** is a **delicate** process. It requires **intense** care and **attention**. A **slight** lack of attention can cause harm to the sapling. For planting a sapling, first of all, seeds are sown at a suitable **spot** which gets light and air in **abundance** that are required for the **germination** of the seeds. The seeds sprout forth and **tender** plants appear. These tiny plants are uprooted and taken to the place where they are to be planted. While planting them, **sufficient** space is left in between for their growth. The whole process requires careful **handling**. Before planting a sapling, soil is prepared in advance. Proper amount of **nutrients** are added to it to make it suitable for the growth of sapling and is watered regularly.

2. Make a list of 15 pairs of words with different spellings but same pronunciation, called Homophones. For e.g. Accept- Except, Their-There

3. Write a short speech on the topic 'Need of Social Distancing'.

4. You borrowed a book from a friend and lost it somewhere. Write a letter to your friend telling him/her about the loss and what you have done to recover the book.

5. Being a responsible and good citizen of India, it is our duty to keep our surrounding clean and green. Write a paragraph on this topic.

## हिन्दी

१. कोरोना वायरस से बचने के लिए डॉक्टर व महिला का संवाद लिखिये।

२. 'इंटरनेट' पर 100 शब्दों का अनुच्छेद लिखिये।

३. निम्नलिखित काव्यांश को पढ़कर प्रश्नों के उत्तर दीजिये -

   जिसने मरना सीख लिया है, जीने का अधिकार उसी को,

   जो कांटो के पथ पर आया, फूलों का उपहार उसी को।

   हँस-हँसकर एक मस्ती लेकर जिसने सीखा है बलि होना,

   अपनी पीड़ा पर मुस्काना, औरों के कष्टों पर रोना।

   (क) जीने का अधिकार किसको है?

   (ख) फूल शब्द का विलोम लिखिये?

   (ग) उपहार शब्द का समानार्थी लिखिये?

   (घ) 'अपनी पीड़ा पर मुस्काना' से क्या आशय है?

## MATHEMATICS

1. How much smaller is $4x^2 - 4x + 9$ than $17 + 10x^2 + 6x$ ?

2. Using the angle sum property of a triangle which states that the sum of three angles of a triangle is 180°, find the angles of a triangle whose angles are in the ratio 2 : 3 : 4.

3. **Simplify the following:**

   A. $\{ ( -22 ) + 7 \} \div \{ ( -28 ) + 13 \}$

   B. $72 \div [ (-3) \times (-3)]$

   C. $-57 + 27 - 30 + 60$

4. The area of a square is 81cm$^2$, find its sides.
5. What are the major types of solid shapes? Also, draw the nets of a cube and cuboid.
6. Prepare a bar graph to show the data of the number of corona infected patients in India over a 10 days period.
7. Write and learn the tables from 2 to 20.

## SCIENCE
1. Why can't animals make food from carbon di oxide, water and sunlight, like plants do?
2. **Write the names of elements for the following symbols:**
   Cu, Ca, K, Cl, Ti, Fe, Zn.
3. What is saliva and where is it produced?
4. Why do we feel the need for conservation more today than our ancestors did?
5. What precautions should we take to protect ourselves from coronavirus?
6. Why are fossil fuels our most important source of energy?

## SOCIAL SCIENCE
1. **Write the full form of:**
   **A.** B.D.O   **B.** D.M.   **C.** S.D.M.   **D.** S.S.P.   **E.** S.P.
2. List a few civic amenities.
3. What do you mean by BC, BCE, AD and CE?
4. List some ways to control air pollution.
5. Suggest at least 5 points of water conservation at domestic level.
6. What do you mean by "Self-isolation"?

## COMPUTER
1. Name some popular web browsers.
2. What is chatting? Give the names of some software that are used to do chatting.
3. Describe the hardware and software requirements to connect to the internet.
4. **Application based questions:**
   **A.** Nisha's sister lives in Canada. She wants to talk to her sister face to face, suggest to her the internet service she should use for communication.
   **B.** Rashmi is talking with her friend via text and getting his friend's messages instantly. Which communication service of the Internet is Rashmi using?
5. **Write full form of the following:**
   **A.** WWW   **B.** ISP   **C.** TCP/IP   **D.** URL

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