HOLIDAY HOMEWORK (2019-20)

CLASS –VIII

Dear students,

Nature is a source of solace, inspiration, venture and delight; a home, a teacher and a companion:

LET'S SAVE IT....
- **Plant a sapling**
- **Use eco friendly cookware**
- **Place a bird bath**
- **Dispose off bio-degradable waste in compost pits**
- **Minimise the use of ACs**
- **Carry paper / jute/cloth bags instead of poly bags**

ENGLISH

1. Use an A-4 pastel sheet of green, yellow or light blue colour. Paste the pictures of any one of the following authors –
   - Rabindra Nath Tagore
   - William Shakespeare
   - Ruskin Bond
   - Leo Tolstoy

   Below it provide the following information about the author –
   - Date of Birth
   - Popular works
   - Awards received

   Laminate the work and present it beautifully.
2. Write a short poem in the praise of the Himalayas / Save Ganga and draw a picture .(A-3 size sheet)

HINDI

1. स्वरचित कविता अथवा स्वरचित कहानी (लगभग २०० से २५० शब्दों) में लिखिए।

   कविता के विषय हैं :- प्रकृति, ऋतु और देश भक्ति।

2. निम्नलिखित पाँच महापुरुषों की जीवनियाँ पढ़ें व इन सभी के जन्म ,मृत्यु तथा उपलब्धियों के विषय में चित्र सहित संक्षेप में लिखिए -

   - स्वामी विवेकानंद   डॉ॰ अब्दुल कलाम   डॉ॰ राजेंद्र प्रसाद
   - सुभाषचंद्र बोस   लाल बहादुर शास्त्री
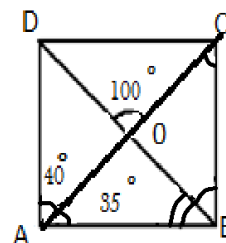
     Do it on A- 4 sheets and make a file.

MATHS

Do as directed

1. The ratio of the two adjacent sides of a parallelogram is 2: 5 and its perimeter is 56 m. Find the lengths of its adjacent sides.

2. ABCD is a parallelogram in which $\angle DAO= 40^\circ$, $\angle BAO= 35^\circ$, and $\angle COD = 100^\circ$.

   Find i) $\angle ACB$ ii) $\angle CBD$ iii) $\angle ABO$ iv) $\angle ODC$

3. The four angles of a quadrilateral are as 3: 5: 7: 9. Find the angles.

4. The measure of angles of a hexagon are $x°$, $(x - 5)°$, $(x - 5)°$, $(2x - 5)°$, $(2x - 5)°$, $(2x + 20)°$. Find the value of x.

5. Determine the number of sides of a polygon whose exterior and interior angles are in the ratio 1:5.

6. Two opposite angles of a parallelogram are $(3x – 2)°$ and $(50 – x)°$. Find the measure of each angle of the parallelogram.

7. The perimeter of a parallelogram is 150 cm. One of its sides is greater than the other by 25 cm. Find the lengths of the sides of the parallelogram .

8. Find the number of degrees in each exterior angle of a regular polygon.

9. Find the smallest number by which 1323 must be multiplied so that the product is a perfect cube.

10. Find the cube root of the following numbers, using prime factorisation method-
   a) 42875   (b) 74088.

11. Find the cube root of the following numbers, using Estimation method –
   a) 421875   b) 753571

12. Find the cube root of $\dfrac{2197}{1331}$

13. Volume of a cube is 54872 cm^3 . Find its side.

14. Is 53240 a perfect cube ? If not , by which number it should be divided so that quotient is a perfect cube. Also find the cube root of the number obtained.

15. Three numbers are in the ratio 1 : 2 :3. The sum of their cubes is 62208. Find the numbers.

16. What is the measure of each angle of regular hexagon ?

17. The exterior angle of a regular polygon is one – third of its interior angle . How many sides does the polygon have ?

GENERAL SCIENCE

Draw a poster trying to convince people about harmful effects of plastic. (on half chart paper)

SOCIAL SCIENCE

Make a chart of results of 17 Lok Sabha Elections (2019) in your social science notebook.
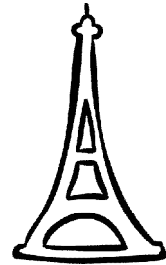
SANSKRIT

1. 'अस्मद्' , 'युष्मद्' - शब्द रूप लिखिए एवं याद कीजिए।

2. 'खाद्' धातु रूप (पाँचों लकार में) लिखिए एवं याद कीजिए। (in Sanskrit notebook)

FRENCH

Conjugez les verbs suivants . [Conjugate the following verbs]
- Prendre
- Vouloir
- Faire
- Dire
- Lire

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Revise all the work done in class for Mid Term- I

Do the given work neatly as it will be assessed for Mid Term - I