ADARSH PUBLIC SCHOOL
HOLIDAYS' ASSIGNMENT
CLASS IX

INSTRUCTIONS :

- The homework is to be done in respective notebooks.
- Revise the syllabus done so far for Annual Examination.

ENGLISH

1. Refer to the site 'my CBSEguide.com' and download the same app and do the following questions from Sample Paper 1. (English Language and Literature).

   Unseen Comprehension

   Gap Filling

   Editing

   Rearrangement

2. The climate throughout the world is changing. It has already disturbed weather patterns by increasing rainfall in some areas and decreasing in others. The temperature is increasing day by day. It results in frequent hurricanes, floods etc. Write an article in about 100-120 words for your school magazine on the topic 'Global Warming : A Threat to the life.'

3. Using the beginning given below, write a story in about 150 – 200 words :

   Last week I went to the market on my bicycle to buy some books. I placed my bicycle outside the shop……………..

HINDI

1. आपका मित्र विमल बीमारी के कारण परीक्षा नहीं दे पाया, इससे वह निराश है । उसका हौसला बढ़ाते हुए सहानुभूति पत्र लिखिए ।

2. प्रातः कालीन सैर के लाभों के वर्णन करते हुए छोटे भाई को पत्र लिखिए ।

3. निम्न विषयों पर अनुच्छेद लिखिए –
   क. ग्लोबल वार्मिंग सबकी चिंता का विषय
   ख. महँगाई – जो थमने का नाम नहीं लेती ।
   ग. बिन पानी सब सून – आत्म सम्मान का महत्व

4. निम्न विषयों पर संवाद – लेखन कीजिए
   क. कॉस्मेटिक सामान खरीदने के संबंध में शर्मीला व दुकानदार का संवाद ।
   ख. बैंक में खाता खोलने के संबंध में ग्राहक एवं बैंक प्रबंधक के बीच संवाद ।

5. निम्न विषयों पर विज्ञापन तैयार कीजिए
  क. राजदूत पेंटस
  ख. बादाम के इस्तेमाल को प्रोत्साहित करने हेतु ।

MATHS

1. Do the following questions :-
   (a) If the height and the radius of a cone is tripled , then find the ratio of volume of new cone and that of original cone.
   (b) A rectangular sheet of 88cm x 45cm is rolled along its length to form a cylinder. Find the curved surface area of the cylinder.
   (c) The areas of three adjacent faces of a cuboid are x , y and z. If its volume is V, prove that V^2 = xyz.
   (d) The perimeter of a triangle is 50cm. One side of a triangle is 4cm longer than the smaller side and the third side is 6cm less than twice the smaller side. Find the area of the triangle.
   (e) The diameter of a sphere is decreased by 25%. By what percent does its surface area decrease?

2. Do all the theorems of the following chapters:-
   (a) Lines and Angles
   (b) Triangles
   (c) Quadrilaterals
   (d) Area of Parallelograms
   (e) Circles

SCIENCE

1. Name two protein containing Rabi Crops.

2. How the surface area and the wind speed affect the rate of evaporation? Explain.

3. Differentiate between rough and smooth endoplasmic recticulum.

4. A woman pulls a bucket of water of total mass 5kg from a well which is 10m deep in 10s. Calculate power used by her.

5.State reason for the following:
   (a) all the cars are provided with seat belts.
   (b) road accidents at high speed are worse than accidents at low speed.

6. Both He and Be have two electrons in their valence shell. He is a noble gas while Be is a metal. Justify.

7. Write two ionic species that are isoelectronic with Ne.

8. Why are ions more stable than atoms?

9. Revise all the chapters covered in the class.

10. Revise all the practicals done.

SOCIAL SCIENCE

Do the following questions in your Social Science Notebook:

1. What led to subsistence crisis in France?
2. Why did the Tsarist autocracy collapse in 1917?

3. How did Hilter capture power in Germany?

4. How did the British establish their monopoly over Opium trade?

5. Why is the black soil area in Peninsular Plateau called the Deccan Trap?

6. What steps have been taken by the Government to protect the Flora and Fauna of the country?

7. Explain the ideals of the Preamble of the Indian Constitution.

8. What are the minimum conditions for a Democratic elections?

9. Distinguish between the Permanent and Political executives.

10. What is the concept of Poverty line? How does it vary with time and place?

11. The co-operatives and NGO's are playing an important role in ensuring food security in India. Discuss the statement.

12. What does the turnout figure indicate?

13. What are 'Constituent Assembly Debates'?

14. Which laws were made to improve the status of women in French Society?

15. How did White Americans turn the Greenlands into Bread Basket of the world?

16. On the Political map of India locate and label the following :

   1: National Parks and Wildlife Sanctuaries.

   2: Weather Stations.

   3: State having favourable and unfavourable sex ratio, most populated state, sparsely populated state, largest and smallest state.

   4: Regions having Mangroove, Evergreen and Thorn forests, lakes- Sambar, Pulicat, Dal, Wular and Kulleru lake

Wishing You A Very Happy & Prosperous New Year !