ENGLISH

1. Writing- Write an article on the topic How you have spent your holidays.(200-250 words)
2. Workbook:- Complete worksheet 1,2,3 and 4.
3. Read the novel 'The Story of My Life' by Helen Keller.
4. Write the summary of the Chapters of the novel (1-13).
   & write the character sketch of any four characters of the novel.

HINDI

1 निम्नलिखित प्रश्नों के उत्तर लिखिए :

(क) लेखक की रटंत विद्या का परिणाम और वर्तमान वार्षिक मूल्यांकन द्वारा प्राप्त परिणाम में से आप किसे उत्तम मानते हैं और क्यों ? ' बड़े भाई साहब ' पाठ के आधार पर स्पष्ट करें।

(ख) परिवार के बुजुर्गों की संपत्ति का हकदार आपकी राय में कौन होना चाहिए और क्यों? हरिहर काका पाठ के आधार पर अपना मत लिखिए।

(ग) प्राचीन काल से वर्तमान समय तक वृद्धों के प्रति परिवार के लोगों का व्यवहार बदला है। इस विषय पर टिप्पणी कीजिए।

(घ) मीरा की अनन्य भक्ति किस प्रकार उजागर की गई है? अपने शब्दों में वर्णन कीजिए।

(ड) कबीर ने अपनी साखियों में रूढ़ियों का विरोध किस प्रकार किया है? उदाहरण दीजिए।

2 मुंशी प्रेमचंद द्वारा लिखित किसी उपन्यास का अध्ययन करें।

3 आपके नगर में एक नया जिम खुला है , जिसमें कुशल प्रशिक्षक की देखरेख में व्यायाम की सुविधा है। एक विज्ञापन तैयार कीजिए।

4 पठित पाठों से संबंधित प्रश्नोत्तर अपनी गृहकार्य की उत्तरपुस्तिका में लिखें और याद करें।

MATHS

1. Raju takes 4 hours more than Ajay to cover a distance of 40 kms. If Raju doubles his speed; he takes 3/2 hours more than Ajay to cover the same distance. Find the speeds of the both.
2. If twice the son's age in years is added to the father's age, the sum is 70. But, if twice the father's age is added to the son's age the sum is 95. Find the ages of the father and son.
3. $\tan A + \sin A = m$ and $\tan A - \sin A = n$, show that $m^2 - n^2 = 4\sqrt{mn}$

4. Some people collected money to be donated in some orphanages. A part of the donation is fixed and remaining depends on the number of children in orphanage. If they donated Rs 9500 in the orphanage having 50 children and Rs 13250 with 75 children, find the fixed part of donation and the amount donated for each child. Do you think these people are working for a good cause. How?
5. If $7\ \mathrm{cosec}\phi - 3\cot\phi = 7$, prove that $7\cot\phi - 3\mathrm{cosec}\phi = 3$.

Prepare the topics Linear equations in two variables and Introduction to Trigonometry for Quiz.

SCIENCE:

Q1 i) Write Formulae of the following

a)Sodium Hydroxide   b)Calcium Hydroxide   c)Barium Chloride   d)Potassium Iodide

e)Aluminium Oxide   f)Magnesium oxide   g)Calcium Nitrate   h)Copper Sulphate.

 ii) A metal X on burning gives dazzling light, name X& write the   chemical equation
      for burning.

Q2. i) Try to write balanced chemical equations of the following by " Table method"

a)Iron+ Copper Sulphate. → Iron Sulphate +copper

b)Barium Chloride + Sodium Sulphate → Barium Sulphate+ Sodium Chloride

c)Magnesium $_+$ Oxygen→ Magnesium oxide

d)Sodium+ water→ Sodium Hydroxide + Hydrogen

e)Calcium oxide+ water → Calcium Hydroxide

f)Hydrogen+ Chlorine → Hydrogen Chloride

ii) Mention Names & Formula of any 8 Polyatomic ions with negative Charge & with two Positive
    ions.

Q3. Two lamps ,one rated 60W and other 40 W at 220 V, are connected in parallel to the electric supply
    at 220V.

a) Draw a circuit diagram to show the connection.

b) calculate the current drawn from the electric supply.

c) Calculate the total energy consumed by two lamps together when they operate foe one hour.

Q4. Discuss the practical application of series and parallel combination of resistors.

Q5. Make a list of different blood groups of your family members and find out the most and least
     common blood groups. Write a slogan on the importance of blood donation.

Revise the following topics : Transportation in plants, chemical and physical properties of acids and bases, magnetic field due to current carrying conductor and solenoid

SOCIAL SCIENCE

1.   Mention the necessary steps for survival skills to be adopted for common incidents that take place in school, prepare a manual as a help guide.(common incidents-heat stroke, fire, fracture, nose bleeding , electrocution, fainting).

      ii) Prepare instructions to deal with any incidents in the school or in the bus.

2.   Revise and learn all the chapters so far done in class room.

COMPUTER

Collect information about the various mobile technology generations.(1G-4G)

III. SEWA PROJECT:

Collect like minded youngsters of your neighbourhood and commence a literacy drive. Teach the illiterate adults and children so that they can live with self respect and dignity.

IV.COMMUNITY SERVICE:

You are a crusader with a mission. Click pictures of the underprivileged around your neighbourhood. Interview them about the difficulties they face in their lives. Come up with innovative ideas for their problems.

V. VALUE BASED PROJECT:

All students (boys & girls) to assist their mothers in the household chores. Learn how to make beds, iron clothes, peel and chop vegetables etc. Children should also be learning hemming, putting a button etc.

NOTE:

- Parents are requested to motivate their children to complete the above tasks in time. They are also requested to let the children do their home work on their own.
- The three project works must be recorded in one scrap book. The students must write the interview in the scrapbook. Write ups must be posted to show the completion of tasks.
- Formative assessment 2 will start soon after the school reopens. Students are advised to come prepared for the syllabus done till date.

HAPPY HOLIDAYS!!!