ENGLISH

1. Writing- Write an article on the topic How you have spent your holidays.(200-250 words)
2. Workbook:- Complete worksheet 3 and 4.
3. Read the novel 'Gulliver's Travels' by Jonathan Swift.
4. Write the summary of the first two parts of the novel .
   & write the character sketch of any four characters of the novel.

HINDI

1. किसी भी घर के बुजुर्ग से उनकी दैनिक समस्याओं के बारे में जानकारी एकत्रित कर लिखिए।

2. अपने मित्र को पत्र में लिखिए कि आप अपनी माँ को उनके कार्यो में किस प्रकार सहायता करते हैं ।

3. समय के सदुपयोग को समझते हुए अपनी दैनिक समयसारिणी बनाकर लिखिए ।

4. किसी एक प्रसिद्ध कंपनी के मोबाइल फोन का आकर्षक विज्ञापन तैयार कीजिए ।

5. मुंशी प्रेमचंद का कोई भी उपन्यास पढ़कर अपने शब्दों में उसका सार लिखिए ।

6. पठित पाठों के प्रश्नोत्तर अपनी गृहकार्य कॉपी पर करिए ।

MATHS

1. If both x-2 and x - $\frac{1}{2}$ are factors of polynomial px^2 + 5x + r , show that $\frac{p}{r}$ = 1

2. If a + b+ c = 9   and   a^2 + b^2 + c^2 = 35 , find the value of a^3 + b^3 + c^3 – 3abc.

3. Plot the points E (4 , 2) , F(0 ,2) , G (-1 ,3) and H (2 , 0) on the Cartesian plane. Join these points in order . Name the shape thus obtained. What value is predicted from this action?

4. PQR is a triangle in which ∠Q > ∠R and M is a point on QR such that PM is the bisector of ∠QPR. If the perpendicular from P on QR at N, then prove that ∠MPN = $\frac{1}{2}$ (∠Q - ∠R).

5. ABCDE is a regular pentagon and bisector of ∠BAE   meets CD at M. If bisector of ∠BCD meets AM at P , find ∠CPM.

Prepare the topics Polynomials, coordinate Geometry and Lines & Angles for Quiz.

SCIENCE

Q1. Some substances cannot exist in the gaseous state-others cannot exist in the liquid state, and some

cannot exist in the gaseous or the liquid state. Giving suitable examples justify the above statement.

Q2. Shelly and her mother went to a shop to buy some cooling equipment for her house to beat the
summer heat. The shopkeeper showed them two types of cooling equipments-a desert cooler and
and weather air conditioner. The desert cooler was much cheaper than the air conditioner. Shelly's
mother wanted to buy the desert cooler as it was cheaper. Now answer the following questions-

a) As a student of science, why would you suggest to Shelly's mother to buy the expensive air
conditioner? Give two reasons.

b) What are the values associated with the above decision?

Q3. Derive equations of motion graphically and write their uses.

Q4. State about force and some common types of forces. Also explain the examples of forces in day to
day life.

Q5. Prepare a mini herbarium of any 5 medicinal plants. Write their scientific name, morphogical
characteristics and medicinal properties. Plant any two medicinal plants in your garden and note how they are helpful as a natural cure.

Revise the following topics--- Newton's laws of motion, properties of solid, liquid and gases, The different type of permanent tissues

SOCIAL SCIENCE

1. Choose any man-made or natural disaster which your area maybe vulnerable to e.g gas leaks building collapse, rail or road accidents, health hazards due to toxic waste disposal, earthquakes, floods, volcanic eruptions etc.

(OR)

2. Prepare a survey schedule detailing the different areas that are posing threats due to various natural and man made disasters in and around your school e.g factory/slums/dump yards located nearby.

(ii) Collect the data and prepare a report.

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

COMPUTER

Find out uses of Java language and present your information in the form of a chart or a diagram.

OR

How C++ & Java are close to each other? Find out and write it down.

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.

COMMUNITY SERVICE:

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

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!!!