



R.S.M. PUBLIC SCHOOL, SUPAUL

**SUMMER VACATION
HOMEWORK**

2024-2025

Class - X

हिन्दी

Name..... Roll No..... Section.....

प्रश्न:- 1. परियोजन कार्य (Project work)

“नेताजी का चश्मा” पाठ के आधार पर नेताजी की चित्रात्मक प्रस्तुति के साथ-साथ उनके व्यक्तित्व एवं कृतित्व पर प्रकाश डालें।

प्रश्न:- 2. “माता का आँचल” पाठ के आधार पर अपनी माँ को केन्द्र में रखकर एक लघु कविता की रचना करें।

प्रश्न:- 3. “सूर के पद” पाठ के आधार पर श्रीकृष्ण एवं गोपिकाओं के भावनात्मक संबंध को उद्घाटित करें।

प्रश्न:- 4. सरल वाक्य एवं संयुक्त वाक्य के बीच अंतर स्पष्ट करें।

प्रश्न:- 5. मिश्र वाक्य का दो उदाहरण प्रस्तुत करें।

Subject - IT(402)

1. Define Mail Merge Explain the terminologies associated with Mail Merge Process.
2. What do you understand by Text Wrapping? Name some text wrapping optional available in word.
3. What is the use of what if analysis? Discuss the what if tools available in Excel.
4. Open a blank MS Word document and insert one image saved on your computer and another available on the internet. Also, Insert any two shapes available in MS Word.
5. Amber created sales data for four different sales agents over the first quarter of a year for the months of January, February and March. Which advanced feature of Excel she can use to summarise the data?

Subject - English

1. Write two stories in English using your imagination (250-300 words).
2. Write articles on the following topics. (100-120 words)
 - i) Electoral Democracy in India.
 - ii) The cultural Diversity of India.
 - iii) Teaching of English in India.
3. Make weekly Diary entries (at least two).
4. Prepare a detailed project work on the life and achievement of Nelson Mandela.
5. Make a small note book containing 20 famous sonnets of William Shakespeare.
6. Enumerate the uses of the modal verbs in English (Preferably on a chart)

P.T.O.

विषयः— संस्कृतम्

ग्रीष्मकालीनं गृहकार्यम्

प्रश्नः— 1. 'शुचि पर्यावरणम्' इत्यस्मात् पाठात् श्लोकद्वयं लिखित्वा स्मरत ।

प्रश्नः— 2. व्यञ्जनसन्धेः दश उदाहरणानि स्वपाठ्— पुस्तकात् चित्वा लिखत ।

प्रश्नः— 3. किम् शब्दस्य त्रिषु लिङ्गेषु रूपाणि लिखित्वा स्मरत । (परियोजनाकार्यम्)

प्रश्नः— 4. अधोलिखितानां अज्ञाकानां कृते समयवाचिपदान् सचित्रं लिखत ।

i) 6:00

ii) 7:15

I

ii) 8:45

iv) 2:30

v) 5:15

vi) 9:45

vii) 11:30

viii) 12:00

ix) 8:00

x) 10:15

प्रश्नः— 5. मत्तुप् ठक इत्यनयोः प्रत्ययोः दश—दश उदाहरणानि स्वपाठ्यपुस्तकात् चित्वा लिखत ।

Subject - Social Science

1. Explain any three beliefs of the conservatives that emerged after 1815.
2. Explain any three causes of conflict in the Balkan area after 1871.
3. Compare the different ways in which Belgium and Sri Lankans have dealt with the problem of cultural diversity.
4. Define majoritarianism.
5. Write a short note on classification of resources.
6. Write a paragraph on resource planning.
7. What is meant by sustainability of development?
8. Why do people look at a mix of goals for development? Explain.

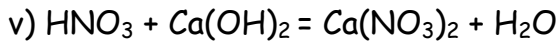
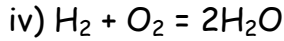
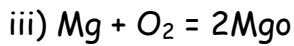
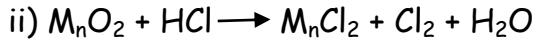
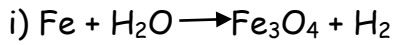
Project Work

Show the location of states of the map of India in chart paper.

Subject - Chemistry

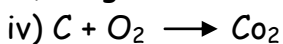
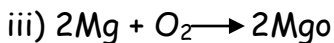
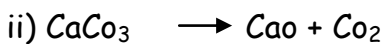
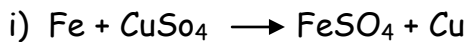
Answer the following questions:-

1. Balance the following chemical equations:-



2. On What basis is a chemical equation balanced?

3. Identify the type of reaction in the following:-



Project and activity based questions:-

1. Burn the magnesium ribbon keeping it away as far as possible from your eyes. What do you observe?

2. Explain the test for Hydrogen gas.

P.T.O.

Subject - Physics

1. Distinguish between real image and virtual image.
2. The word 'ambulance' is written as **AMBULANCE** on hospital van. Why?
3. What are the rules of image formation. Show it diagrammatically.
4. Distinguish between concave mirror and convex mirror.
5. How will you identify concave & convex mirror without touching them?
6. Determine the focal length of a concave mirror experimentally.
7. Draw the ray diagrams of image formed by concave mirror using pencil.
8. A concave mirror is used as a shaving mirror. How?
9. A convex mirror is used as a rearview mirror in vehicles. Why?
10. Trace the path of light ray through the glass slab (use pencil)
11. A concave mirror produces three times enlarged real image of a pencil kept at 10cm in front of it. What is the position of image?
12. An object of 5cm high is placed at a distance of 10cm from a diverging mirror of radius of curvature 30cm. Find the nature position and size of image.

Subject - Biology

1. Why are some said to be living while others non-living?
2. Why is nutrition essential for living?
3. Explain the functions of bile and pancreatic secretion.
4. Explain the structure of small intestine and its function.
5. Explain nutrition in parasites and saprophytes.
6. Explain light reaction of photosynthesis-

Project Work

Make model of liver/pancreas and write a descriptive account of its role in human body.

R House | Liver
Y House |

G House | Pancreas
B House |

Subject - Maths

1. To collect the data of children in each family of your neighborhood.
2. To find the area and perimeter of shapes (field) in our surroundings
3. To make some shapes like cube, cuboid, cone, prism and cylinder with the help of cardboard.
4. To complete the fair of ch-01 and ch - 02

Activities

- i) Experiment with different 2D and 3D shapes.
- ii) To find the area and diagonal of school ground.