

CLASS VII – HOLIDAY HOMEWORK

All Subjects

SCIENCE

ACTIVITY-BASED QUESTIONS

Class VII | Subject: Science

Write any three

Chapter: Acids, Bases and Salts

Q1. Natural Indicator Activity

Take some turmeric powder and prepare a paste using water. Apply it to a piece of white paper and allow it to dry. Put a drop of soap solution on the paper.

- (a) What colour change do you observe?
- (b) What does this change indicate?

Q2. Identification of Acidic and Basic Substances

Prepare a table of five household substances, such as lemon juice, vinegar, soap solution, baking soda solution and sugar solution.

- (a) Identify which substances are acidic, basic or neutral.
- (b) Write the name of a suitable indicator for testing them.

Q3. Red Cabbage Indicator Activity

Take some red cabbage leaves and soak them in warm water to obtain a coloured extract. Test small samples of lemon juice, water and baking soda solution using this extract.

- (a) Record the colour observed in each sample.
- (b) Classify the samples as acidic, basic or neutral.

Q4. Litmus Paper Activity

Take red and blue litmus papers and test lemon juice, soap solution and plain water separately.

- (a) Record the colour changes in a table.
- (b) Which substance is acidic?
- (c) Which substance is basic?
- (d) Which substance is neutral?

Q5. Acids and Bases in Daily Life

Observe the labels of five food or household products available at home.

- (a) Write their names.
- (b) Find out whether they contain acidic or basic substances, if this information is available on the label.
- (c) Paste or draw their pictures in your notebook.

Q6. Natural Indicators Chart

Prepare a colourful chart showing any four natural indicators, such as turmeric, red cabbage, China rose and litmus.

Write the source of each indicator.

Mention the colour change it shows in acidic and basic solutions, wherever applicable.

Q7. Neutralisation in Daily Life

Collect information about two situations in daily life where neutralisation is useful.

- (a) Write the names of the substances involved.
- (b) Explain how neutralisation helps in each situation.
- (c) Draw a labelled diagram for one example.

SOCIAL STUDIES (SST)

CLASS – VII

SOCIAL STUDIES (SST)

Q. Draw a neat and well-labelled diagram of the Water Cycle.

ENGLISH

CLASS – VII

ENGLISH HOMEWORK

A. Change the voice of the following sentences:

1. The carpenter built the house.
2. The reckless driver drove the car.
3. My grandmother baked the cake.
4. The committee wrote the report.
5. The manager sent the email.
6. The chef is preparing a delicious meal.
7. The engineers constructed a new bridge.

B. Write an article on the following topics:

1. Failures Are the Pillars of Success
2. Internet: Boon and Bane

हिन्दी
DP HOMEWORK 2026-27
विषय - हिन्दी

1. अरुणिमा सिन्हा का चित्र बनाकर या चिपकाकर उनके बारे में 10 पंक्तियाँ लिखें।
2. सूरदास और कबीरदास के चित्र बनाकर या चिपकाकर उनका जीवन-परिचय संक्षेप में लिखें।

संस्कृत
CLASS - VII
विषय: - संस्कृतम्

- पाठ: ६ : पाठ: ६ के सभी अभ्यास-प्रश्नों को लिखें एवं याद करें।
व्याकरणम् : उपसर्गाः, अव्ययानि — लिखें एवं याद करें।
शब्दरूपाणि : वारि, नदी — शब्दरूप लिखें एवं याद करें।
धातुरूपाणि : स्था धातु के रूप लट्, लङ्, लृट्, लोट् तथा विधिलिङ् लकारों में लिखें एवं याद करें।

MATHEMATICS
SRK DAV PUBLIC SCHOOL, SURIYA
DURGA PUJA HOLIDAY HOMEWORK
SUBJECT: MATHEMATICS
Topic: Profit & Loss and Simple Interest

Instructions for Students

All students are instructed to complete the following work in their Maths Stick File.

1. Write all the work neatly and in proper sequence.
2. Use appropriate headings and subheadings.
3. Use coloured pens to make the work neat and attractive.
4. Write the full forms and meanings of all abbreviations used in the topic.
5. Use a ruler wherever necessary and maintain proper spacing.
6. Complete the work during the Durga Puja holidays.
7. Bring the completed Stick File after the holidays.

Topics to Be Covered

Part A: Profit and Loss

8. Profit
9. Loss
10. Overhead Expenses
11. Profit Percentage
12. Loss Percentage
13. Selling Price when there is a Profit
14. Selling Price when there is a Loss
15. Cost Price when there is a Profit
16. Cost Price when there is a Loss

Part B: Simple Interest

17. Simple Interest
18. Amount
19. Principal
20. Rate of Interest
21. Time

Note: This homework is compulsory for all students. Submit your completed Stick File after the Durga Puja holidays. Ensure that your work is neat, complete, and well-organised.