

PRABHU DAYAL PUBLIC SCHOOL, SHALIMAR BAGH

HOLIDAY HOMEWORK 2023-24

CLASS-X

“Success is the sum of small efforts repeated day in and day out.”

Dear Parents,

Summer Vacation is a time for the children to enjoy and relax. These days are precious and valuable and can be made most from if judiciously used. We should always remind ourselves that children will not remember us for the gifts we shower upon them but will always cherish the time we spent with them. It is time to nurture young minds, inculcate moral values and narrate family anecdotes to keep them in touch with their roots.

It's summertime again! The time to strengthen family bond, tying threads of family tree, sharing joys and sorrows and having a good time together.

Here are a few tips to make the vacation a fruitful time for your child:

- Look for interesting books and read as much as you can about the places and people. Take good care of your health and hygiene. Avoid heavy and oily food and increase intake of fresh fruits and water to keep yourself well hydrated and energetic.
- Use Holiday Homework as an opportunity to spend quality time together. The role of the parent is to be a facilitator and guide to steer the child in the right direction.
- Encourage your child to take up yoga or any other form of healthy activity during the vacation.
- Involve children in household chores.
- Enjoy walking with them in parks and appreciate nature.

General instructions:

In order to keep our students well engaged and to revise and be thorough with the portions we have completed so far, we are sending the Summer Holiday Homework. We request parents to encourage the kids to finish their homework during the summer holidays. This will help them to have a revision of all the portions without over burdening them. Original work by the child shall be acknowledged and assessed.

Follow the guidelines given by teachers to complete specific activities.

Happy holidays!

English

Q1. Prepare project report on the topic Life History and Achievements of Nelson Mandela (8 to 10 Pages). Kindly use A-4Size Sheets, neatly bound in a folder.

Q2. Read the novel The Diary of a Young Girl by Anne Frank. Write its summary in around 250 words.

Q3. Prepare a Power Point Presentation on the topic – The Benefits of Reading (8-10 slides).

Q4. From the book Words and Expressions (Part 2, Class 10th), complete exercises on reading comprehension, grammar and vocabulary :

✓Unit 1 – Letter to God

✓Unit 2 – Nelson Mandela

Q5. Revise syllabus covered so far in the class.

हिन्दी

प्रश्न1) निम्नलिखित विषयों पर सारगर्भित अनुच्छेद लिखिए-

- क) आज की आवश्यकता-संयुक्त परिवार
- ख) सबको भाए मधुर वाणी
- ग) बच्चों की शिक्षा में माता-पिता की भूमिका
- घ) मनोरंजन के साधनों की बढ़ती दुनिया

प्रश्न2) किन्हीं चार विषयों पर आकर्षक विज्ञापन तैयार कीजिए ।

प्रश्न 3) निम्नलिखित विषयों पर सूचना लेखन कीजिए-

- क) आपके विद्यालय के वार्षिक उत्सव में नाटक मंचन हेतु इच्छुक छात्रों को जानकारी देने हेतु एक सूचना तैयार कीजिए।
- ख) विद्यालय में ग्रीष्मावकाश में प्रातः काल में योग की अभ्यास कक्षाएँ चलने की सूचना देते हुए लगभग 30 शब्दों सूचना में लिखिए।
- ग) आप शांति विद्या निकेतन, प्रशांत विहार, दिल्ली की छात्रा खुशी मेहरा हैं। विद्यालय में आपका परीक्षा प्रवेश-पत्र गुम हो गया है। इस विषय पर 20-से-30 शब्दों में सूचना लिखे।

प्रश्न 4) 'बड़े भाई साहब' पाठ की प्रस्तुति कॉमिक्स स्ट्रिप्स (COMIC STRIPS) के माध्यम से कीजिए।

प्रश्न 5) निम्नलिखित अभ्यास पत्रिका कीजिए-

- क) क्या पाठ 'बड़े भाई साहब' में बड़े भाई का बचपन जिम्मेदारियों तले दबकर गायब हो गया है?
- ख) बड़े भाई साहब अगर बीमार पड़ जाते तो लेखक के विपरीत दादा क्या करते?
- ग) ऐसी कौन-सी बात थी, जिससे कलकत्ता के बारे में लग रहा था कि देश स्वतंत्र हो चुका है?
- घ) 'हरिहर काका कहानी लिखने का मूल उद्देश्य क्या है?
- ड) 'काटी कुंजर पीर' के अनुसार कुंजर की पीड़ा क्या थी व वह कैसे दूर हुई?

(प्र०4 के अतिरिक्त सभी प्रश्न अपनी हिंदी की अभ्यास पुस्तिका में कीजिए।)

Mathematics

NOTE

Question No. 1 and 2 to be done in Lab Manual. Question No.3 to be done in a separate note book.

1. Write life history and achievement of any one mathematician and paste picture of that mathematician.
2. Make a Crossword puzzle on mental maths.
3. Do at least one extra question daily from each topic given below from your reference book in a separate copy i.e. (5 extra ones daily).

Topics are:

1. Real Numbers
2. Polynomials
3. Linear Equations
4. Statistics 5. Probability
4. Revision of NCERT syllabus covered so far in the class..

SCIENCE

NOTE:

1. You are to submit your work in a separate folder.
2. Revise the covered syllabus for PWT-I

PHYSICS-CHEMISTRY

Q1. Make a list of at least ten uses of concave and convex mirrors in our daily life around us.

Q2. Make a small investigation of any one aspect of light in your life or around you and record your observation in 100 words. Your investigation will be discussed in class.

Q3. Write all the reactions of Chapter 1, 'Chemical Reactions and Equations'.

Q4. Make a greeting card using any natural indicator (show its effect on either acidic or basic solution or both)

BIOLOGY

Q5. Give answer for the following questions:

- a) Describe the mechanism of urine formation in human excretory system. Draw a labelled diagram to illustrate your answer.
- b) Describe the working of human blood circulatory system with the help of a suitable diagram which shows the steps involved in it.
- c) Why do the walls of trachea not collapse when there is less air in it?

Q6. To be eco-friendly as individuals we could follow 7R's. Make a colourful

poster of any the R's of your choice on A3 size sheet. Write a befitting slogan on the poster also.

Social Science

I. Prepare a project report on the topic (Any one)-

Consumer Awareness

Or

Social Issues

Or

Sustainable Development

Important Instructions

While preparing the project, the points to be kept in mind are:

Kindly use Spiral Project File

- The project report should be handwritten.
- Page limit- 15-20 sheets.
- Project should have: cover sheet, index, introduction, conclusion, acknowledgement and bibliography/references.
- The cover sheet of the project should have the following details:
 - I. Theme of the Project
 - II. Name
 - III. Class and Section
 - IV. Subject
- Use maps, pictures, diagrams and relevant data for illustration.
- The collected data should have a reliable source and that should be mentioned with it.
- Use eco-friendly products for the project.

Note: This project report is a part of internal assessment.

II. Revise the covered syllabus for PWT-I

INFORMATION TECHNOLOGY

NOTE: Instructions regarding the submission of Holiday's Homework will be given by your teacher.

Q. I. Answer in brief:

1. Define the following styles in reference to Writer.
 - a. Presentation styles
 - b. Frame styles
2. Explain Fill Format mode of Styles and Formatting Window?
3. Can we modify the predefined style in Writer?
4. Define the following in reference to the positioning of graphic.
 - a. Arrangement
 - b. Alignment
5. How can you open template management dialog box?
6. How can you update table of content, if you delete, add or modify any heading?
7. Till what level headings can be indexed in Table of Content in Writer?
8. What is time management and how can you manage time?
9. What do you understand by Emotional Intelligence?
10. State any four qualities of Self Motivated people.

Q. II. Complete your five IT Practical file questions of Open Office Writer.

List of Practicals Using Open Office Writer

Assignment 1:

Objective: Insert image into document and format the contents

Task: Type the following paragraph in OO Writer and follow the given instructions:



As we know that computer has change our life. Now a days computers are essential in every field, before the globalization we were not aware of the importance of computers. But Internet is playing the major role, because using it we are very close to each other and communicate anywhere.



Instructions:

1. Insert a computer picture from Gallery on top of the paragraph.
2. Justify the text.
3. Search a computer picture from the search engine, download in on your computer and insert in the document.
4. Resize the picture and place it as shown below the paragraph.
5. Crop the second image and remove the unwanted part.

Assignment 2:

Objective: Creating drawing objects

Task: Create A GREETING CARD using different drawing objects from the drawing objects gallery.



Instructions:

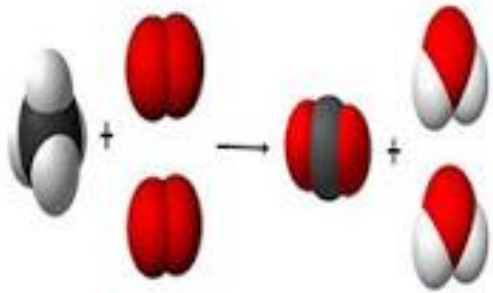
1. Change the border colour of all shapes. (Select any colour of your choice)
2. Change the fill colour of Basic Shape and Symbol shapes.
3. Change the border styles, colours and width of shapes.
4. Apply gradient fill to ellipse, smileys and stars.
5. Add required text to shapes and format it.
6. Add page border and colour to make the card attractive.

Note : This is a sample design. You can make a similar one of your choice.

Assignment 3:

Objective: Position the image with text

Task: Write the following paragraph and insert relevant image in a file and place it as displayed in the following screenshot.



Chemical equations are used to graphically illustrate chemical reactions. They consist of chemical or structural formulas of the reactants on the left and those of the products on the right. They are separated by an arrow which indicates the direction and type of the reaction; the arrow is read as the word "yields". The tip of the arrow points in the direction in which the reaction proceeds.

Chemical Equations and Mathematical Formulas refers to a formula which uses symbols.

Assignment 4:

Objective: Use of styles and fill format to apply different styles in OO Writer document.

Task: Start OO Writer type following text and apply different inbuilt styles as marked in front of contents.

The image shows a document with several text elements and blue arrows pointing to them, indicating formatting instructions. The elements are: a main heading, a sub-heading, a paragraph of text, a second paragraph of text, a third heading, a fourth paragraph of text, a 'Learning Tip' section, and a final italicized sentence.

Think and Succeed like Kohli (Heading 1)

The Master Strategist (Heading 2)

Lights are on. The bowler comes to deliver at 100 miles per hour. Guess what? It's dispatched for a Six. Virat Kohli has done it again. (Quotations)

Lines like this have become common when it comes to referring to Virat Kohli. Amidst the noise of the sixes and fours and the whistles from the crowd, this gladiator proves that if there is a CEO of cricket, he is rightfully the one. So here's how Virat epitomises the role of CEO for a firm: (Text Body Indent)

Being always in the action (Heading 3)

Like a CEO who wants to be in the middle of the action all the time, Virat is also very similar in his approach. It is extremely difficult to keep him out of action whether it is fielding, batting, or bowling. Like Steve Jobs, the legendary Apple CEO always used to be in the middle of the action whether it was developing a product of launching the same in front of large audience. (Text Body Indent)

Learning Tip

Be passionate about the role you are set to perform and you will succeed. (Illustration)

Assignment 5:

Objective: Creating templates in OO Writer and saving for distribution.

Task: Create a document looks like a screenshot and save as a template. Follow below-given instructions

[SCHOOL NAME]

[SCHOOL ADDRESS]

SCHOOL
LOGO

This certificate is awarded to Mast./Ms. [Name of Student] of class [class] in honor of his/her securing the [rank] position in the event/competition [name of competition/event] occasion [occasion] conducted on [date.]

Principal

Competition Judge

Master in-charge

Instructions:

1. Apply page borders as displayed in the screenshot. Apply border colour as per your choice.
2. Page orientation must be landscape.
3. Give your desired formatting for school name, school address, and text written in the certificate.
4. Save your file as a template and give the name as certificate template.

SUBMISSION SCHEDULE OF HOLIDAYS
HOMEWORK SESSION: 2023-2024

DAY AND DATE	VI	VII	VIII	IX	X
3RD July'23 Monday	Hindi and English	Social Science and Sanskrit/ French	Science and Social Science	Social Science and IT	English and Maths
4th July'23 Tuesday	Maths	Maths	English	Science	Hindi
5TH July'23 Wednesday	Science	English	Maths	Hindi	IT
6TH July'23 Thursday	Computer and Sanskrit/ French	Computer and Science	Computer and Hindi	Maths	Social Science
7TH July'23 Friday	Social Science	Hindi	Sanskrit/ French	English	Science
Art period in first week of july	Art	Art	Art	-	-