

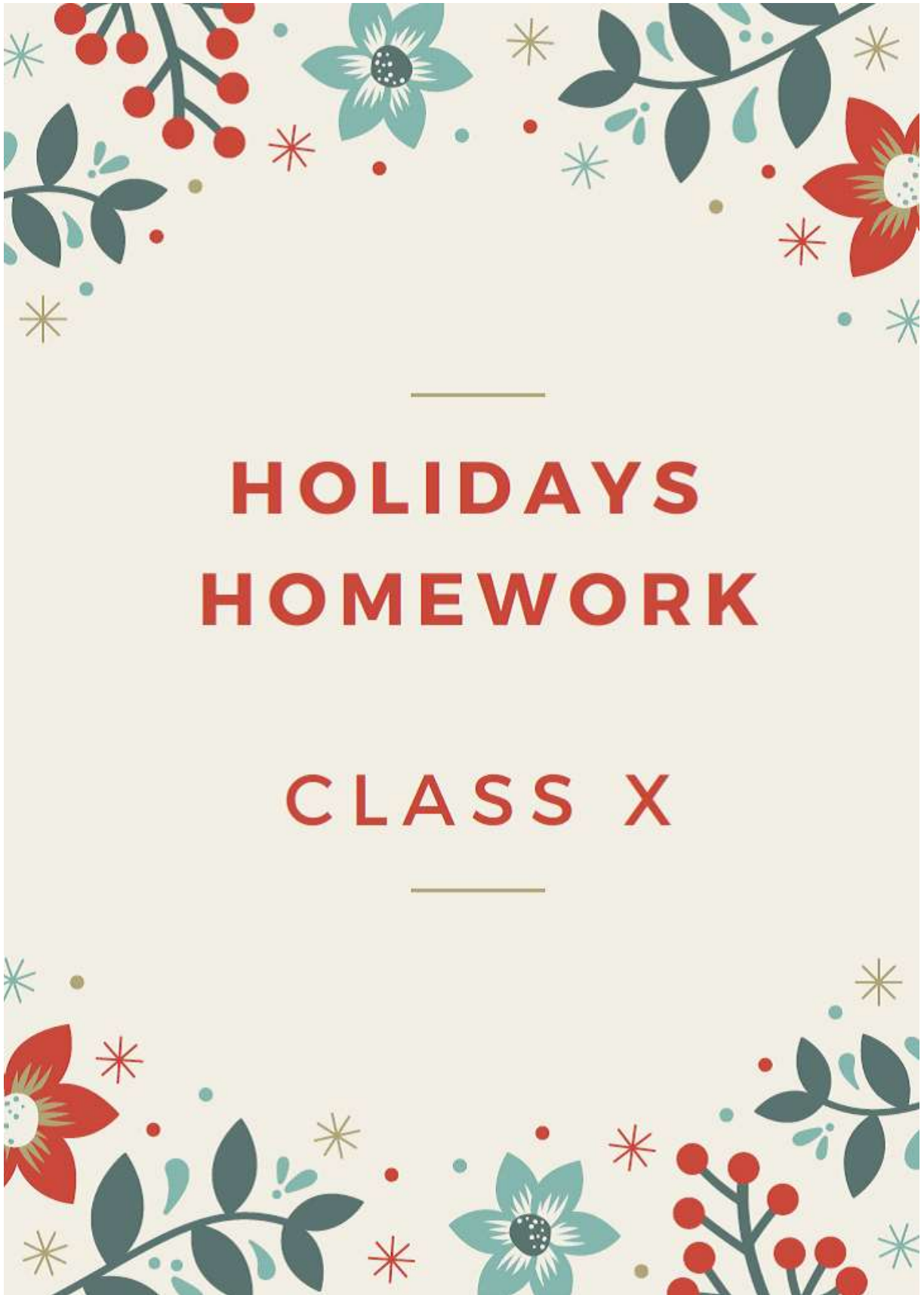


ST.TERESA CONVENT  
SCHOOL

*Summer  
Vacation*

2021-2022





---

# **HOLIDAYS HOMEWORK**

## **CLASS X**

---

**PREFACE**

Dear Students

Greetings!

Embracing the cheerful news of Summer Break, you may also contemplate the fact of elevating your skills eventually and spend your vacation ingeniously. Moreover, while enjoying every moment of your vacation, please follow the below mentioned suggestive advices conscientiously:

(i) Follow and share the precautionary measures for COVID-19 with your friends and family.

(ii) Keep yourself safe and secure by ensuring to stay indoors/at home.

(iii) Read your favourite books/stories/novels and share them with your siblings/parents/grandparents.

(iv) Visit various places and explore the exquisite world around via virtual windows.

(v) Enhance your conceptual understanding by completing the given Summer Break Assignments suitably well.

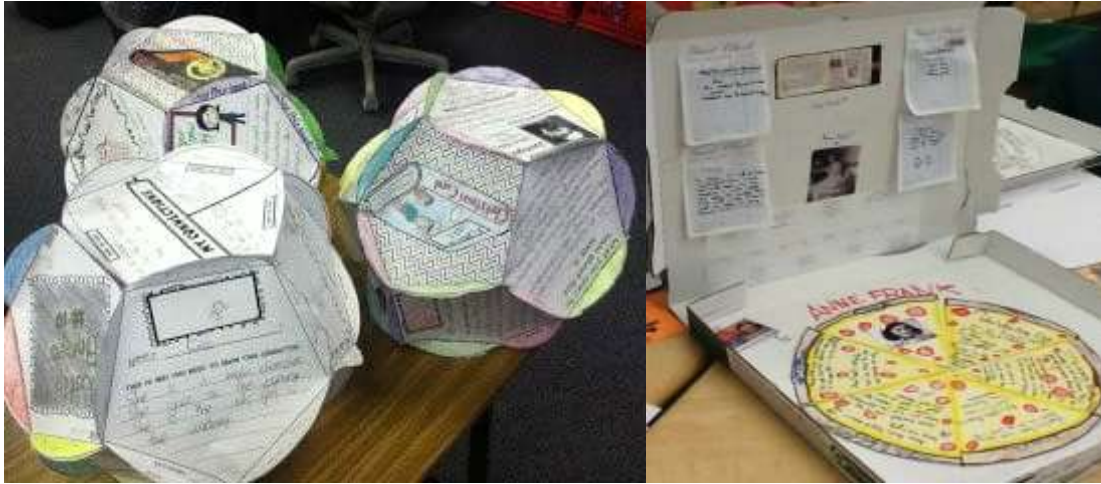
### **ENGLISH (184) (10) Marks**

- Prepare a comic strip showcasing the conversation taking place between two or more characters, you can use any cartoon character of your choice or any other character to convey your message. The content should be appropriate. **Either you can draw or paste some pictures related to the topic:-**
  - Travel to a mysterious place. (Roll No- 1 to 12)
  - A new fairy tale (Roll No- 13 to 25)
  - The Necklace by [Guy de Maupassant](#) (Roll No- 25 to 35)
  - A Triumph of Surgery by [James Herriot](#) (Roll No- 35 onwards)

This project would be perfect for [a book tasting](#) in your classroom! Design a Book Report Project on the following books include About the Author, Characters, Plot, Setting, Beginning, Middle, End, Making Connections, Favorite Part, Lesson Learned etc. You should presents your book report in some creative way. Add pictures, photographs or drawings if you like.

Come up with your own plan, think out of the box

Note- Kindly refer to the some creative Book Report project.



2. Suppose that you were on a morning walk and caught in a heavy storm

How did you manage to save yourself? Compose a story within 150 words.

- Speaking Skills:- Prepare a speech of about three and a half minute on any current topic of your choice. This shall be a part of ASL internal assessment to be conducted after the vacation.
- Revise Literature & Grammar syllabus done in the month of April & May.

**NOTE- Submit your work at the given mail id**

**[meethiuppal@gmail.com](mailto:meethiuppal@gmail.com), [sharma.nehachestha@gmail.com](mailto:sharma.nehachestha@gmail.com)**

**(085)**

---

- (2 )
- (5 )
- (3 )
- (10 )

-

-

**A4**

**NOTE- Submit your work at the given mail id**

[hindistcs@gmail.com](mailto:hindistcs@gmail.com)

**Punjabi. (004)(10) Marks**

Holiday homework

(damanpreet,arashdeep,gurvinder)

( )

(shobha,Harman)

(kush garg

,saksham)

**NOTE- Submit your work at the given mail id**

[ravinderkaur1555@gmail.com](mailto:ravinderkaur1555@gmail.com)

**Mathematics ( 10) Marks ( 041)**

- Do complete chapter 1 Real numbers and chapter 2 Polynomials in mathematics notebook and Laboratory Manual of Chapter 1 and 2

Do the given worksheet in mathematics notebook.

1. The HCF of two numbers is 27 and their LCM is 162. If one of the numbers is 54, find the other

a. 36    b. 45    c. 9    d. 81

2. For some positive integer m, every positive integer is of the form

a.  $m-1$     b.  $m+1$     c.  $2m$     d.  $2m+1$

3. Find the zeroes of the given polynomial:  $4u^2 + 8u$ .

4. Find the quadratic polynomial, the sum and the product of whose zeroes are -3 and 2 respectively.

5. Prove that  $\sqrt{3}$  is an irrational number.

6. If the HCF of 65 and 117 is expressible in the form  $65m - 117$ , then find the value

Of m

7. Prove that  $\sqrt{5}$  is irrational. Also show that  $\sqrt{5}$  is irrational

8. Show that any positive odd integer of the form  $6q+ 1$  or  $6q+ 3$  or  $6q + 5$  where q is any some integer.

9. Obtain all zeroes of the polynomial, if two of its zeroes

are

10. Check whether  $10^n$  can end with the digit 0 for any natural number n.

11. Obtain all other zeroes of  $3x^4 + 6x^3 - 2x^2 - 10x - 5$ , if two zeroes are  $\frac{1}{3}$  and  $-\frac{1}{2}$ .
12. Find the zeroes of the following quadratic polynomial and verify the relationship between the zeroes and the coefficient.                      i)  $T^2 - 15$                       ii)  $6x^2 - 7x - 3$
13. Use Euclid's division lemma, to show that the cube of any positive integer is of the form  $9m$ ,  $9m + 1$  or  $9m + 8$ .

**NOTE- Submit your work at the given mail id**

[vermaaadya2014@gmail.com](mailto:vermaaadya2014@gmail.com)

### **Science (10) Marks (086 )**

#### **PHYSICS**

Prepare working model on any one renewable energy sources

Biogas plant

Wind Turbine

Rain water Harvesting

Thermal power plant

Solar/ Hydraulic lift

Waste water treatment plant

#### **BIOLOGY**

Solve NCERT questions of chapter life process.

#### **CHEMISTRY**

Solve NCERT questions of chapter 1 chemical reactions and equations.

**NOTE- Submit your work at the given mail id**

[aggarwalsandhya6@gmail.com](mailto:aggarwalsandhya6@gmail.com)

[shweta.brar86@gmail.com](mailto:shweta.brar86@gmail.com)

### **Social Studies Project (087) (10) Marks**

(To be forwarded to CBSE as internal assessment)

Every student has to compulsorily undertake any one project on the following topics:

- Consumer Awareness

OR

- Social Issues

OR

- Sustainable Development

### **Guidelines for the project**

- Collect information from various sources like newspapers, photographs, article from magazine, internet, eye witness, accounts etc., regarding the event and the problems faced by the society or environment.
- Collect information on immediate response of various government agencies like police, hospitals, district administration etc.
- Discuss the role of authorities, Indian-and international agencies (CRY, WHO, UNO) in tackling the social and environmental issues.
- In conclusion highlights the mitigation process to include identification of risk zones, community awareness and individual response.
- A case study of supplement and build up on the project shall be appreciated.
- Criteria for evaluating project work include content accuracy, originality, presentation and creativity.
- The project should be hand written. Print outs will not be accepted.
- All the photographs should be labeled and acknowledged.
- Project should be developed and presented in this order
- Cover page showing project title, school's name, students name, class and section and academic session (year)
- List of contents with page number (approx...15 pages)
- Acknowledgements: Acknowledging institution, offices and libraries visited and people who have helped.
- Project Overview: Purpose, aim, methodology and experience while doing the project
- Chapters with relevant headings.
- Summary and conclusions based on findings.
- Bibliography should have the title, pages referred, author, publisher, year of publication and if a website, the name of the website with a specific link which have been used.
- Teacher's evaluation report

**NOTE:** Only ecofriendly material to be used

Total marks allotted for the project are 10, which includes theory as well as viva or written test for content assimilation.

## **PROJECT EVALUATION PROFORMA**

The pro-forma should be attached on the last page of the project.

School's Name

Address

Student's Name

Roll. No

Class

Section

Teacher Assessment

1. Content accuracy and originality
  2. Presentation and creativity
  3. Process of project completion
  4. Viva –voce
  5. Overall remarks:
  6. Teacher signature:
- Date:
7. School stamp:

**NOTE- Submit your work at the given mail id**

**atamunlimited@gmail.com**

**Subject: IT Vocational(402) (10)Marks**

### **Topic: Communication Skills**

- What do you Mean Communication process? Explain its Features?
- List the Barriers to effective Communication? Explain any four?
- Explain various forms of communication?
- Explain 7'c of communication with Example?
- Verbal vs. Nonverbal Communication?
- Explain Significance of Visual Communication?

### **Activity Based Question**



- Draw Diagram of Communication Process?
- Make a PPT Presentation on Barriers of communication?

Or

- Draw Diagram of 7c's of communication (preferably a chart)
- Role of feedback in communication Process (PPT or chart)

**NOTE- Submit your work at the given mail id**

**[stcs,itinstructor@gmail.com](mailto:stcs,itinstructor@gmail.com)**