



ST. TERESA CONVENT
SCHOOL

*Summer
Vacation*

2021-2022





**HOLIDAYS
HOMEWORK**

CLASS VII



PREFACE

Covid 19 has disrupted the normal schooling experience of every child however learning has never been stopped under the ambient of St. Teresa Convent School. The entire faculty has put their heart and soul so that the innocent and creative psyche of our children is not overshadowed by the gloomy scenario spread due to the outbreak of Covid 19 pandemic. The students have also explored new avenues of learning and are enjoying the experience of online classes. This is the time to channelize the energy of our learners towards creative endeavours. Like every year, this year also we have brought forth innovative activities and projects to indulge young minds.

The Summer Break is scheduled from 13.06.2021 to 04.07.2021. Let's not forget that this year vacations are not meant to explore the world outside but present an opportunity to rediscover ourselves while staying home and being safe. Summer Vacation has always been considered to be the most desirable period looked forward by children when they can go beyond academics but let's not make it a challenging situation clouded with the gloominess of Corona Pandemic. So, embark on a journey of fun and adventure by reading books, exercising, meditating, dancing and channelizing your energy in a positive manner



General Instructions-

Make one beautifully decorated folder each, separately, for each subject

The Holiday Homework must be done in a very neat and presentable manner subject wise, in separate folders or files .

Try to do your vacation work by yourself

Do all work under the guidance of your parents and guardians.

Holiday Homework of all the subjects must be submitted till 11.07.2021 to the respective teachers.

You'll be assessed on basis of handwriting, originality, creativity and neatness.

Enrich your vocabulary by learning the vocabulary words from Hindi & English by reading books and newspapers

Instruction for Parents

Take your child for a morning walk, talk about things you can see around.

Play indoor games with your child.

Let your child help around house doing small jobs like dusting, cleaning the tables, filling water bottles, watering plants etc.

spend quality time with your child,

Communication will play pivotal role in grooming the overall personality of the children. Converse your child preferably in English.

Parents can be facilitator at home but the work should be done independently by the child in his/her own handwriting.



Marks Allocated: 10 marks
Subject Teacher: Ms. Manjula
Email Id -meethiuppal@gmail.com



ENGLISH HOLIDAY HOMEWORK

1. “Schools are closed, sports are cancelled... ..on a global level.”

We all are a part of living history. It will be talked about for generations to come. Make a diary entry of the days of quarantine, support it with photographs, either you can make a video journal or do it in a Scrap file.

2. Film therapy uses scenes or entire movies to help people face fears. It helps them become aware of their fears so that they can work on overcoming them. Watch the movie 'Journey to the centre of the earth' and design an appealing album consisting of the following on A4 sized ruled sheet:

- Cover Page (Page 1.)
- Plot of the movie (Page 2, word limit 80 words)
- Character sketches of the prominent characters (Page 3, word limit – 50 word each)
- Theme of the novel (Page 4, word limit – 80 words)

3. Write down some commonly used proverbs and idioms with their meanings in an alphabetical order in your Scrap file.

4. BRUSH UP YOUR GRAMMAR

Do page no. 7 – 16, 51,52, 103,104, 129,131,159-164 from BRAVIA COMPACTA.

Take an English Grammar Quiz at the below mentioned link. After completing the quiz, take a screen shot of your final result page. Submit it after vacation.

<https://www.oxfordonlineenglish.Com/english-level-test/grammars>

NOTE- Submit your English work at the given mail id



Marks Allocated: 10 marks
Subject Teacher: Ms. Sushila
Email Id – shallu88navu@gmail.com



Hindi Holidays Homework

?

1.

-3

2.

(DISPOSABLE PLATES)

-

-

-

ਪੰਜਾਬੀ

Marks Allocated: 10 marks

Subject Teacher: Ms.Ravinder Kaur

Email Id – ravinderkaur1555@gmail.com



PUNJABI HOLIDAYS HOMEWORK

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संस्कृतम्

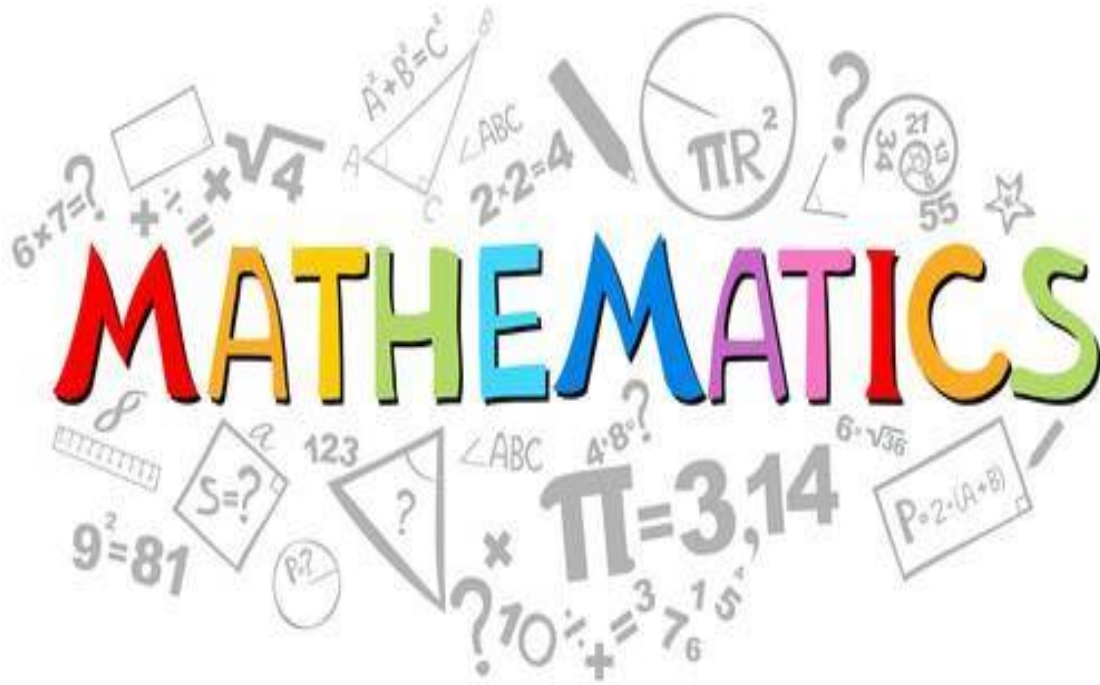
Marks Allocated: 10 marks
Subject Teacher: Ms. Pinky Sharma
Email id – pinkysharma6006@gmail.com



ग्रीष्मावकाशकालीन गृहकार्य
कक्षा : 7
विषय : संस्कृत

अतिरिक्त उत्तरपुस्तिका में निम्न कार्य करिए –

- (1) संस्कृत प्रार्थना लिखिए ।
 - (2) पाँच श्लोक लिखिए ।
 - (3) देव और मुनि शब्दरूप याद करके लिखिए ।
 - (4) 1 से 25 तक संस्कृत गिनती लिखिए ।
-



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Marks Allocated: 10 marks
Subject Teacher: Ms. Sonia Verma
Email id – vermaaadya2014@gmail.com

MATHEMATICS HOLIDAYS HOMEWORK



- Do complete the Chapter 1 and 2 in Mathematics notebook.
- Do complete the following worksheet in Mathematics notebook.

Section A

1. The sum of two negative integer is always
a. 0 b. negative c. -1 d. positive
2. The reciprocal of $4\frac{5}{7}$ is
a. $\frac{7}{33}$ b. $\frac{33}{7}$ c. $\frac{5}{7}$ d. $\frac{7}{45}$
3. The commutative property does not hold true for integers under
a. Subtraction and division b. addition
b. Multiplication d. multiplication and division
4. One fourth of 196 is
a. 94 b. 49 c. -49 d. -94

Section B

5. Find the product of the following.
 $\frac{4}{7} \times \frac{28}{27} \times \frac{3}{16}$
6. Write the additive inverse of
a. -23 b. 0
7. Using distributive property, solve the following.
 $23 \times (-10) + 23 \times 10$
8. A submarine was situated 550 feet below sea level. If it descends 400 feet, find its new position.

Section C

9. Simplify: $[-11 - 4 \times \{5 - (-5)\} \times \{4 - (6 - 3)\}]$
10. Represent the following integers on the number line
-3, 4, -12, 0, -4, -10
11. Shreya can ride a bicycle at a speed of $7\frac{2}{3}$ km/hr. If her father drives a car 10 times the speed of her bicycle, find the speed of the car.
12. Divide the fraction:
a. $\frac{9}{13} \div 63$ b. $5\frac{1}{9} \div 1\frac{5}{9}$
13. 25 pairs of shorts of equal size were made from $13\frac{11}{28}$ m of cloth. Find the measurement of cloth was used for each pair of shorts.

Section D

14. Simplify:
 $[8 - 7 \times \{(-72) \div (4 - 5 \times 2)\} + 12]$.
15. On Tuesday, Mahesh delivers 3 cheques for Rs 4999 each and 2 bills for Rs. 272 each. If he had a starting balance of Rs. 15,000, find the ending balance.
16. Vijay and his son, Arun are running a bakery. For a party, Vijay makes a $4\frac{1}{4}$ kg cake, whereas Arun makes a $2\frac{1}{4}$ kg cake. Find the total weight of both the cakes.
17. Simplify:
a. $- \times - \times -$ b. $\frac{5}{7} \times (6\frac{1}{3} \times 3\frac{3}{5}) \div \frac{8}{11}$

SCIENCE HOLIDAYS HOMEWORK



PHYSICS

How many Jantar Mantar are there in India: Locate their cities in the map of India.

Name the ruler who constructed the famous Jantar Mantar of Jaipur. Collect information about it and comment on the application of scientific knowledge in that period.

Prepare a working model of simple electric circuit.

Prepare a chart on any one topic out of these

- Circuit symbols
- Reflection, refraction and dispersion
- Uses of spherical mirrors

CHEMISTRY

- Q 1: Fill in the Blanks
 - I. Angora wool is obtained from_____
 - II. Liama and Alpaca also yield_____ and are found in_____
 - III. The process of taking out threads from the cocoons for use as silk is called_____ the silk
 - IV. Rampur bushair yield_____ fleece.
 - V. Lohi and Nali are breeds of_____
 - VI. The process of selecting parent sheep for obtaining special characteristics in their offspring's is called_____
- Q 2: Jumbled Words
 - I. TURECULRISE
 - II. WILSMORK
 - III. BELMURRY
 - IV. RINGLEE
 - V. NOCOOC
- Q 3: Answer the following questions
 - I. Why shearing does not hurt the sheep?
 - II. What are occupational hazards? Name one occupational hazard.
 - III. How will you distinguish between natural silk & Artificial silk?

IV. Draw well labelled diagram of life history of silk moth in sequence.



V. Write short note on processing of silk.

VI. Explain the steps involved in processing of wool.

BIOLOGY

- Make a project report on nutrition in plants.
- Answer following questions
 1. What are stomata?
 2. Define autotrophs?
 3. Name the end product of photosynthesis?
 4. Name the green pigment present in the leaf?
 5. What are lichens?
 6. What is nutrition?
 7. Are birds autotrophs?
 8. What is a heterotroph?
 9. Give an example of saprophyte?
 10. Do leaves that do not appear green have chlorophyll?
 11. Name the gas that is produced during photosynthesis?
 12. Give an example of a partial parasitic plant?
 13. Distinguish between autotrophs and heterotrophs?
 14. Write the word equation for photosynthesis?

- 15. What is Digestion?
- 16. Where is the bile produced? Which component of the food does it digest?
- 17. Name the type of carbohydrate that can be digested by ruminants but not by humans.
Give the reason also.
- 18. Write one similarity and one difference between the nutrition in amoeba and human beings.
- 19. What is Absorption? 6. Why do we get instant energy from glucose? 7. What is salivary digestion?
- 20. What are parasites?
- 21. Name the various digestive organs of man?

- 22. What is cellulose?



Social Science

Marks Allocated: 10 marks

Subject Teacher: Ms.Pinky Sharma

Mr. Atam

Email Id – pinkysharma6006@gmail.com

atamunlimited@gmail.com



Social Science Holidays Homework

1. Make a project on the topic “Tracing through a thousand years ago” using the following guide points:-

- (a) Terminologies
- (b) Historians and different sources
- (c) Old and new religions

Project should be made in a project file. Paste pictures relevant to the topic.

OR

2. Study the “Revolt of 1857” and make a project. Focus should be laid upon the following;

- (a) Causes of revolt
- (b) Outbreak of the revolt
- (c) Why the revolt failed?
- (d) Result of the revolt.

Make it in a Project file and paste Pictures relevant to the topic .Presentation should be neat .

3. Make a list of different types of crops grown in India and mark the regions on the map of India.

- On an outline map of India mark the types of soils.
- On an outline map mark the different mountain ranges found in India.
- Make a list of all the states and union territories along with their capitals.

- Make a project on natural disasters and their mitigation and plans of the Government.



Marks Allocated: 10 marks
Subject Teacher: Ms. Priya
Email id – pia.arora13@gmail.com



COMPUTER (SUMMER HOLIDAYS HOMEWORK)

Solve the following Worksheet 1

NUMBER SYSTEM

Chapter-1

A. Match the following:

- | | |
|------------------------------|------------|
| 1. Binary number system | a. base 16 |
| 2. Octal number system | b. base 2 |
| 3. Decimal number system | c. base 8 |
| 4. Hexadecimal number system | d. base 10 |

B. Circle the correct option.

1. The digital computer represents all kinds of data and information in (binary / octal) numbers.
2. The (binary / decimal) number system consists of ten digits from 0 to 9.
3. (Decimal / Octal) number system is used as a shorthand representation of long binary numbers.
4. The (hexadecimal / octal) number system consists of 16 digits from 0 to 15.
5. The positional value of each digit in octal number is (twice / thrice) the place value.

C. Write the full forms of the following:

1. MSD –
2. LSD –

D. Extract the binary number from the given example and write below:

2	64-0
2	32-0
2	16-0
2	8-0
2	4-0
2	2-0

Solve the following Worksheet 2



A. Label the components of the given chart.



B. Tick (✓) the correct option.

- A is an effective way to display data in a pictorial form.

a. Picture	<input type="checkbox"/>	b. Chart	<input type="checkbox"/>
c. Table	<input type="checkbox"/>	d. Graphics	<input type="checkbox"/>
- describes the main aim of the chart.

a. Title bar	<input type="checkbox"/>	b. Chart title	<input type="checkbox"/>
c. Chart description	<input type="checkbox"/>	d. X-axis	<input type="checkbox"/>
- labels include data values, category name, etc.

a. Information	<input type="checkbox"/>	b. Data	<input type="checkbox"/>
c. Axis	<input type="checkbox"/>	d. Chart	<input type="checkbox"/>
- chart is used to show trends over a period of time.

a. Column	<input type="checkbox"/>	b. Line	<input type="checkbox"/>
c. Scatter	<input type="checkbox"/>	d. Bar	<input type="checkbox"/>



Solve the following Worksheet 3

CHARTS IN EXCEL 2016

Chapter-2

A. Match the following:

- | | |
|--------------------------|---|
| 1. Area chart | a. Trends over a period of time |
| 2. Pie chart | b. Quantitative magnitude of data |
| 3. XY Scatter Plot Chart | c. Sector showing relative size of each other |
| 4. Line chart | d. Correlation between two sets of values |

B. Fill in the blanks using the hints given below:

Hints: Guidelines, Chart, Legend, Column, Pie, Scatter

1. is used to draw comparison and analyse the growth and trends among the values in a table.
2. can be either horizontal or vertical lines.
3. shows the meaning of symbol and colours used in a chart.
4. The chart usually displays the data in the form of vertical bars.
5. chart shows only one data series at a time.

C. Write 'T' for true and 'F' for false.

1. Data representation using charts is quite inefficient.
2. Y-axis of a chart is also known as the category axis.
3. Chart area includes all the objects and elements in a chart.
4. Scatter chart is also known as XY scatter plot charts.
5. We cannot create Bar chart in Excel.

Write the following answers in your notebook:



- What is a number system?
- Which number system is used by computers?
- Convert the last four digits of your parents' mobile numbers into binary number.
- Define charts in Excel.
- When is a Line / Column / Pie / Bar / Area chart used?

- What is a legend?



Marks Allocated: 10 marks
Subject Teacher: Ms. Neena Gupta
Email Id –neenagupta.jalandhar@gmail.com

GK HOLIDAYS HOMEWORK

- Collect pictures of wild cats and paste them in a scrap file and also write their names.
- Write 5 current affairs any one of the topic- Sports/Education/Economy.



Arts & Crafts

Marks Allocated: 10 marks

Subject Teacher: Ms. Ruby Rana

Email Id – rubyrana13031988@gmail.com

ART AND CRAFT HOLIDAYS HOMEWORK

Make a owl with waste light bulb (use fabric colours).

OR

Make the basket of flowers with waste material and decorate it.



Marks Allocated: 10 marks
Email Id-shweta.brar86@gmail.com

ART INTEGRATED PROJECT

*To what extent technology has helped to empower women in rural and urban areas in post independence India. Arrange the Indian states in terms of literacy rate and employment rate of women in descending order.
Also Write a brief note on your woman role model .*



Be Safe &
Enjoy the
Holidays