

HOLIDAY HOME WORK

2026-27



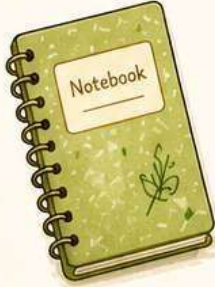
CLASS-VII

DELHI PUBLIC SCHOOL
ROURKELA



◆ Dear Students and Parents, ◆

As we begin the summer break, we wish to remind you that while vacations offer a well-deserved rest, academic consistency is a habit that must be nurtured daily.



To keep your intellectual spark alive, we expect every student to dedicate a few hours each day to their studies. Please maintain a dedicated thin notebook for each subject to complete all lessons, creative write-ups, and projects exactly as prescribed by your subject teachers. These organized records of your diligence will be due for submission on **22nd June 2026**.

- Beyond the curriculum, let this summer be a season of holistic growth and empathy. Balance your academic work with physical wellness by practicing Yoga or morning exercises, and challenge yourself to master a new skill that excites you.

Stay Active, Stay Healthy



- Amidst the heat, stay hydrated with Aam Panna and fresh juices, and enjoy the simple joys of seasonal mangoes, watermelon, and homemade Kulfi with your family.



- True education also lies in our responsibility toward the world around us. We encourage you to care for the environment and show compassion to all living beings by donating water to birds and stray animals.



- Most importantly, cherish your family time; visit your near and dear ones and seek the wisdom of the elderly. Let this break be a period where you grow not just in knowledge, but in character.

◆ Stay safe, stay curious, and keep learning. ◆

With warm regards,
DELHI PUBLIC SCHOOL ROURKELA



SUBJECT- ENGLISH

1. Read the famous book '**The Pride and Prejudice**' by **Jane Austin**.
 - a. Write about the life and works of the novelist, Jane Austin in about 200 words
 - b. Write about your favourite character and also mention why you like it.
2. Read the story '**Sinbad the Sailor**' chapter-3 of The English Treasure Book.
 - a. Find 10 new words from the chapter and write their meanings
 - b. Do page 32, Question B (Make sentences) and Writing (Dialogue writing)
3. Practice Reading Comprehension **Chapter 23** of your Grammar Book.
 - a. Do **passage 2,3 and passage 4** of your Grammar Book.
4. Write a short story with the moral '**Hard Work Brings Success**'
 - Make a thin notebook for holiday homework and submit it on reopening day.

SUBJECT -SECOND LANGUAGE HINDI

1. मल्हार -प्रतिदिन एक पाठ का एक अनुच्छेद (**one paragraph**) लिखिए।
2. उस अनुच्छेद में आए कठिन शब्दों के अर्थ लिखिए।
3. व्याकरण पुस्तक से पहला और दूसरा पत्र लिखिए।
4. व्याकरण **पुस्तक** से पहला और दूसरा अनुच्छेद लिखिए।

SUBJECT - SECOND LANGUAGE ODIA

୧) ଭଉର ଲେଖ

କ) ମାତା ଯଶୋଦା ଶ୍ରୀକୃଷ୍ଣଙ୍କୁ କ'ଣ କ'ଣ ସମ୍ବୋଧନ କରି ଡାକିଛନ୍ତି?

ଖ) ଶ୍ରୀକୃଷ୍ଣଙ୍କର କେଉଁ କେଉଁ କାର୍ଯ୍ୟ ମନେ ପକେଇ ମାତା ଯଶୋଦା ଭାଳି ହେଉଥିଲେ?

ଗ) ଶ୍ରୀକୃଷ୍ଣଙ୍କୁ କେଉଁ ଖାଦ୍ୟ ରୁଚୁ ନ ଥିଲା?

ଘ) ମାତା ଯଶୋଦା କାହିଁକି ଚିନ୍ତିତ ହୋଇ ପଡ଼ିଛନ୍ତି?

୨) ନିମ୍ନରେ ଦିଆଯାଇଥିବା ଋତ୍ତି ଗୁଡ଼ିକର ଅର୍ଥ ଲେଖି ବାକ୍ୟ ଗଠନ କର ।

କ) ଆଖି ରଖିବା

ଖ) ଆଖି ଦେବା

ଗ) ଆଖି ପକାଇବା

ଘ) ଆଖି ବୁଲାଇବା

ଙ) ଆଖି ବୁଜିବା

ଚ) ଆଖିକି ପାଇବା

ଛ) ଆଖିରେ ଧୂଳି ଦେବା

୩) ଗ୍ରୀଷ୍ମ ଛୁଟି କିପରି ଭାବରେ କଟାଇଲ ସେ ବିଷୟରେ ସାଙ୍ଗ ନିକଟକୁ ପତ୍ର ଲେଖ ।

୪) ବାକ୍ୟ ଗଠନ କର ।

କାନନ , ଲବଣି , ନନ୍ଦନ , ପ୍ରତିମା , ନନ୍ଦନ

୫) ଶ୍ରୀକୃଷ୍ଣଙ୍କ ଫେରିବା ବିଳମ୍ବ ହେବାରୁ ମାତା ଯଶୋଦା ଯେପରି ବିଚଳିତ ହେଉଥିଲେ ; ସେହିପରି ତୁମ ମା ତୁମ ପାଇଁ କେବେ ବ୍ୟସ୍ତ ହେବାର ଅନୁଭବ କରିଛ କି? ଯଦି ଅନୁଭବ କରିଛ ତେବେ ୫୦ ଟି ଶବ୍ଦରେ ନିଜ ଭାଷାରେ ଲେଖ ।

୬) ରଚନା ଲେଖ ।

କ) ଅଂଶୁଦ୍ଵାତ ଓ ତାର ପ୍ରତିକାର

ଖ) ବୃକ୍ଷରୋପଣ ର ଆବଶ୍ୟକତା

SUBJECT -THIRD LANGUAGE ODIA

୧) ପାଠ୍ୟ ବିଷୟ ୧ ରୁ "କ" ଶବ୍ଦ ବ୍ୟବହାର କରି ଚିତ୍ର ସହିତ ୫ ଟି ଶବ୍ଦ ଲେଖ ।

୨) ପାଠ୍ୟ ବିଷୟ ୨ ରୁ "ଖ" ଶବ୍ଦ ବ୍ୟବହାର କରି ଚିତ୍ର ସହିତ ୫ ଟି ଶବ୍ଦ ଲେଖ ।

୩) ହସ୍ତାକ୍ଷର ଖାତାରେ ପ୍ରତିଦିନ ଗୋଟିଏ ଲେଖାଏଁ ପୃଷ୍ଠା (page) ଲେଖ ।

୪) ବାକ୍ୟ ଗଠନ କର ।

ପଞ୍ଜା , ଅଙ୍କୁର , ଶଙ୍ଖ , କଙ୍କଡ଼ା , ବଙ୍କା

SUBJECT - THIRD LANGUAGE SANSKRIT

Write 10 names each of the following in Sanskrit:

କ) पशूनां नामानि (Name of Animals)

ख) पक्षीणां नामानि (Name of Birds)

ग) पुष्पाणां नामानि (Name of Flowers)

घ) फलानां नामानि (Name of Fruits)

The work should be done neatly in your Sanskrit Notebook

SUBJECT - THIRD LANGUAGE HINDI

ग्रीष्मकालीन गृहकार्य (Summer Holiday Homework)

विषय: 3rd language हिंदी

कक्षा: सात (VII)

कवर पेज (Cover Page)

विद्यालय का नाम: _____

छात्र का नाम: _____

कक्षा/सेक्शन: _____

विषय: _____

हिंदी शिक्षिका का नाम: _____

निर्देश: कवर पेज को रंगों, चित्रों और बॉर्डर से सुंदर सजाए।

1. परियोजना कार्य (Project Work)

“मेरे राज्य (ओडिशा) की संस्कृति” पर एक छोटा प्रोजेक्ट तैयार करें (चित्र, जानकारी और सजावट के साथ) यहां के पर्यटन स्थल, खान - पान, प्रसिद्ध वास्तु कला इत्यादि के बारे में लिखें

2. चित्र वर्णन



ऊपर दिए गए चित्र का वर्णन करें
मुख्य बिंदु: पेड़ों का महत्व, पर्यावरण सुरक्षा।

निर्देश (Instructions)

- दोनों कार्य साफ-सुथरे पेपर में करें
- सुंदर लेखन और सही वर्तनी
- दोनों कार्य एक ही फाइल में रखें

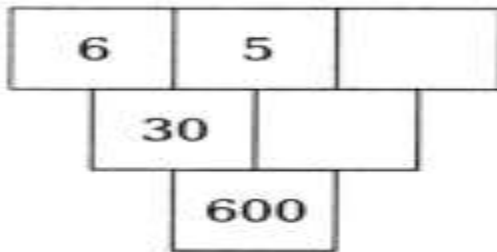


SUBJECT -MATHEMATICS

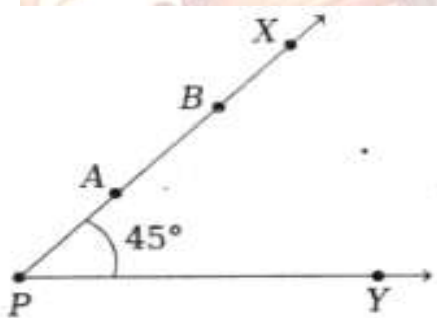
Students are required to complete the work daily in their notebook and clearly mention the date.

• Practice Every day 5 sums

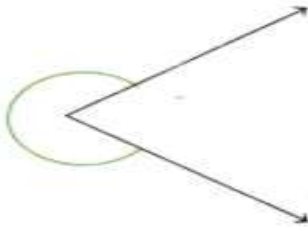
- 1) What sequence do we get when we start adding up odd numbers?
- 2) The sequence 1, 7, 19, 37.... is called as
- 3) The terms in the number sequence 38, 34, 30, 26, are generated by:
- 4) Which number is missing in the pattern 120, 115, 110, _, 100, 95?
- 5) The missing term in the sequence 1, 3, 6, ? 15 is
- 6) The number in each box below is the product of the numbers in the two boxes that touch it in the row above. For example, $30 = 6 \times 5$. What is the missing number in the top row?



- 7) The branch of Mathematics that studies patterns in whole numbers is called _____.
- 8) The sequence 1, 8, 27, 64... represents the _____ of numbers.
- 9) A _____ polygon is a shape with all sides and angles equal.
- 10) The sequence 1, 2, 3, 5, 8, 13, 21... is called _____ sequence.
- 11) How many lines pass through two given points?
- 12) If two lines are perpendicular to each other, then angle between them at the point of contact is _____.
- 13) One of the acute angles of a right triangle is 75° . Find the other acute angle.
- 14) In the figure given below, if point A is shifted to point B along the ray PX such that $PB = 2PA$, then the measure of $\angle BPY$ is _____.

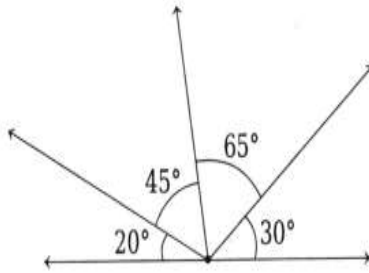


15) What is the name of the angle in the figure?



16) A line segment AB is denoted as

17) In the figure given below, the number of obtuse angles is



18) What will be the angle at 3 o'clock?

19) One full rotation of angle is equal to

20) The shortest distance between two points with a fixed length is a _____.

21) Digit sum 14

- (a) Write other numbers whose digits add up to 14.
- (b) What is the smallest number whose digit sum is 14?
- (c) What is the largest 5-digit whose digit sum is 14?

22) Calculate the digit sums of 3-digit numbers whose digits are consecutive (for example, 345).

23) Among the numbers 1-100, how many times will the digit '7' occur?

24) Among the numbers 1-1000, how many times will the digit '7' occur?

25) Pratibha uses the digits '4', '7', '3' and '2', and makes the smallest and largest 4-digit numbers with them: 2347 and 7432. The difference between these two numbers is $7432 - 2347 = 5085$. The sum of these two numbers is 9779. Choose 4-digits to make:

- (a) the difference between the largest and smallest numbers greater than 5085.
- (b) the difference between the largest and smallest numbers less than 5085.

26) What is the sum of the smallest and largest 5-digit palindrome? What is their difference?

27) The time now is 10:01. How many minutes until the clock shows the next palindromic time? What about the one after that?

28) Write all possible 3-digit palindromes using these digits 1,2,3

29) We are the group of 5-digit numbers between 35000 and 75000 such that all of our digits are odd. Who is the largest number in our group? Who is the smallest number in our group? Who among us is the closest to 50000?

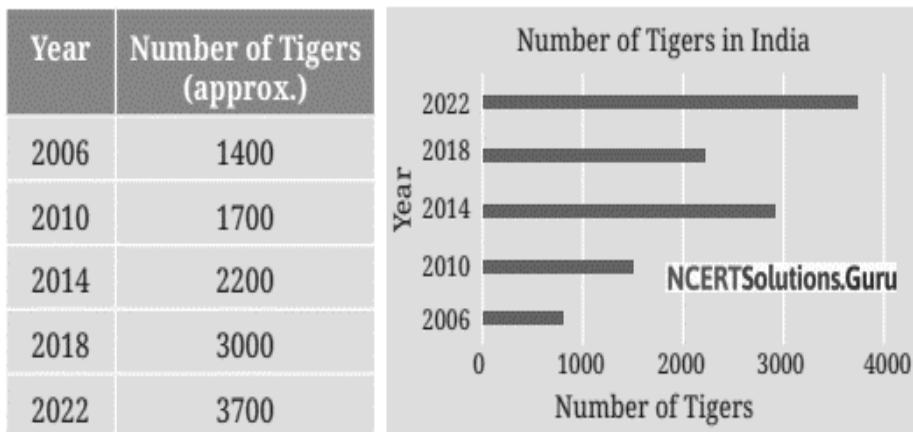
30) Estimate the number of holidays you get in a year including weekends, festivals and vacation. Then, try to get an exact number and see how close your estimate is.

31) Write the names of a few trees you see around you. When you observe a tree on the way from your home to school (or while walking from one place to another place), record

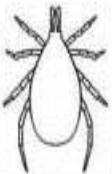




the data.

- (a) Which tree was found in the greatest number?
- (b) Which tree was found in the smallest number?

- 32) If you were making a table of the longest rivers on each continent and their lengths, would you prefer to use a bar graph with vertical bars or horizontal bars? Why? Try finding out this information, and then make the corresponding table and bar graph! Which continents have the longest rivers?
- 33) The number of tigers in India went down drastically between 1900 and 1970. Project Tiger was launched in 1973 to track and protect tigers in India. Starting in 2006, the exact number of tigers in India was tracked. Shagufta and Divya looked up information about the number of tigers in India between 2006 and 2022 in 4-year intervals. They prepared a frequency table for this data and a bar graph to present this data, but there were a few mistakes in the graph. Can you find those mistakes and fix them?

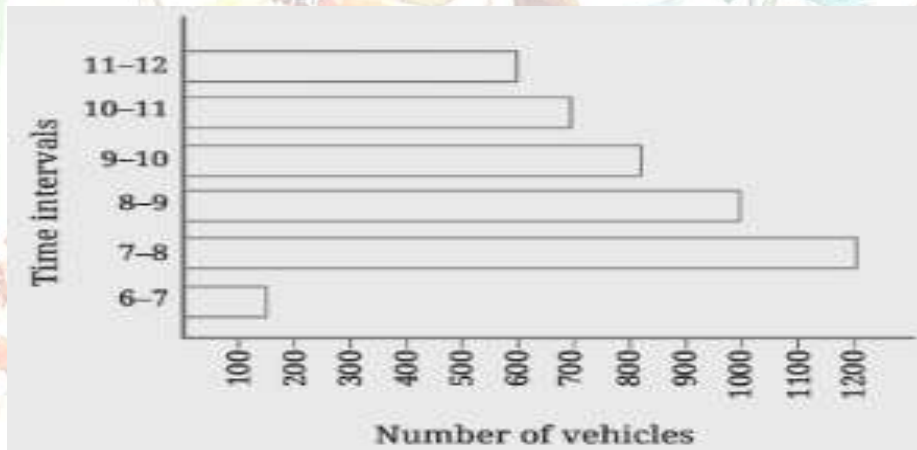


- 34) Roll a die 30 times and record the number you obtain each time. Prepare a frequency distribution table using tally marks. Find the number that appeared:
- (a) The minimum number of times.
 - (b) The maximum number of times.
 - (c) Find numbers that appeared an equal number of times.
- 35) Samantha visited a tea garden and collected data of the insects and critters she saw there. Here is the data she collected

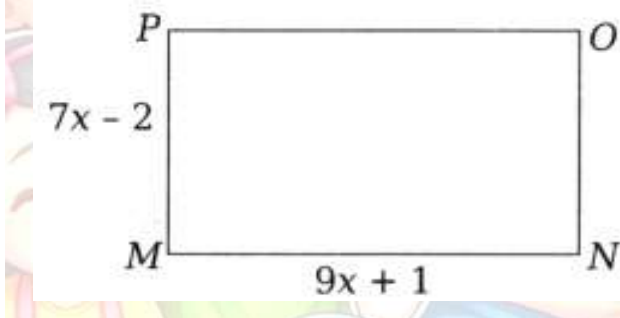
				
Mites	Caterpillars	Beetles	Butterflies	Grasshoppers
6	10	5	3	2

Help her prepare a bar graph representing this data.

36) How many total cars passed through the crossing between 6 am and noon?



- 37) Find all multiples of 40 that lie between 310 and 410.
- 38) A number for which the sum of all its factors is equal to twice the number is called a perfect number. The number 28 is perfect. Its factors are 1, 2, 4, 7, 14 and 28. Their sum is 56 which is twice 28. Find a perfect number between 1 and 10.
- 39) Find the common factors of:
(a) 20 and 28
(b) 35 and 50
- 40) Find any three numbers that are multiples of 25 but not multiples of 50.
- 41) In the treasure hunting game, Grumpy has kept treasures on 28 and 70. What jump sizes will land on both the numbers?
- 42) Find the smallest number that is a multiple of all the numbers from 1 to 10 except for 7.
- 43) Find the smallest number that is a multiple of all the numbers from 1 to 10.
- 44) Look at the list of primes till 100. What is the smallest difference between two successive primes? What is the largest difference?
- 45) Which of the following numbers is prime?
23, 51, 37, 26
- 46) Write three pairs of prime numbers less than 20 whose sum is a multiple of 5.
- 47) The numbers 13 and 31 are prime numbers. Both these numbers have same digits 1 and 3. Find such pairs of prime numbers up to 100.
- 48) Find seven consecutive composite numbers between 1 and 100.
- 49) How many three-digit prime numbers can you make using each of 2, 4 and 5 once?
- 50) In the given rectangle MNOP, if the length is decreased by $3x$, then the new perimeter will be



- Write and learn **multiplication tables** from 2 to 25, square table 2 to 25
- Work sheet -1 & 2 (in Ganita Prakash worksheet)
- Know Your Aptitude – Do Pg-17 to 21

PROJECT:

- Make any number using exactly 24 toothpicks. (refer pg-23 of Ganita Prakash Book)
- Write in Indian & International system. Estimate nearest thousand.

SUBJECT-ARTIFICIAL INTELLIGENCE

Scenario: Binary Calculator Help Desk

Your friend is confused about how to convert numbers from decimal to binary and binary to decimal.

Project Question:

Help your friend understand by mentioning the step-by-step procedure to:

(a) Convert the following binary numbers to decimal numbers:

- i) 1100 ii) 0110 iii) 0011

(b) Convert the following decimal numbers to binary numbers:

- i) 18 ii) 30 iii) 60

2. Scenario: Cracking the Code of Computers

Behind every digital device lies binary code. Let's explore how computers perform addition and subtraction using 0s and 1s.

Project Question:

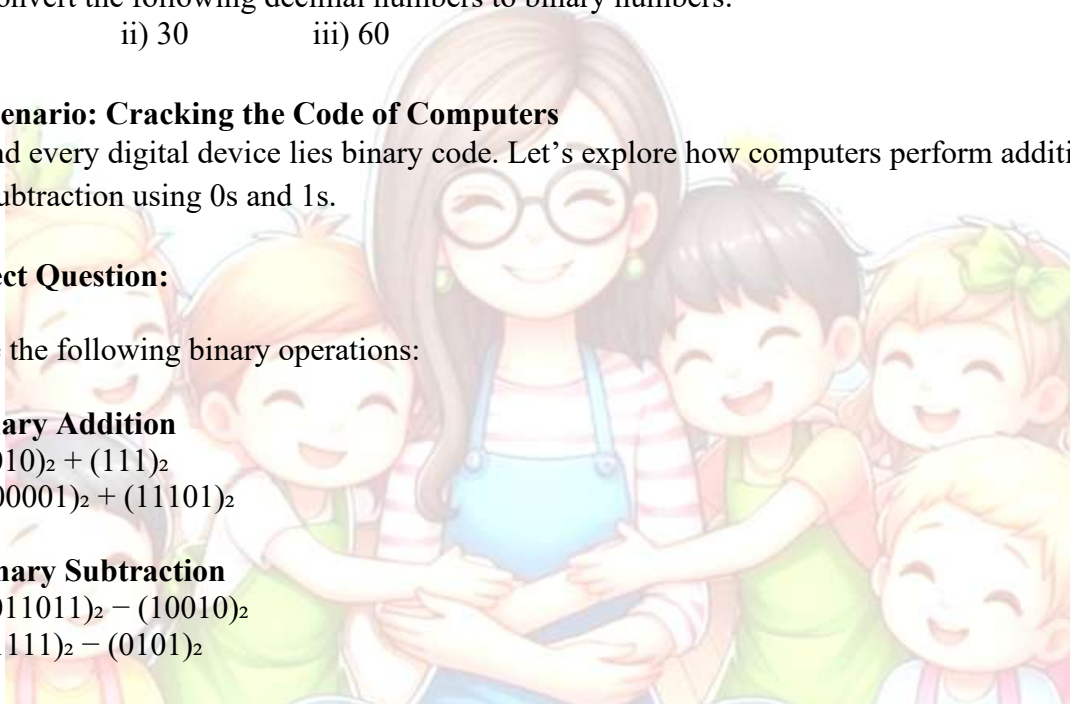
Solve the following binary operations:

i. Binary Addition

- a) $(1010)_2 + (111)_2$
b) $(100001)_2 + (11101)_2$

ii. Binary Subtraction

- a) $(1011011)_2 - (10010)_2$
b) $(11111)_2 - (0101)_2$



3. Scenario: Weekly Screen Time

You want to track how much time you spend on different activities involving screens—like watching TV, playing video games, attending online classes, and using a phone.

Project Question:

Record your screen time over one week. Create a **doughnut chart** to show the proportion of time spent on each activity. Reflect on whether your screen time is balanced or needs improvement.

4. Scenario: Real-Life Impact of Robots

From hospitals to space missions, robots are playing a vital role in making human life easier and safer. As a tech-enthusiastic student, you are encouraged to explore the fascinating world of robots.

Project Question:

Create a PPT on different types of robots and their applications. The maximum number of slides is 10.

SUBJECT - SOCIAL SCIENCE:

1. Lesson-Based Questions

Chapters:

1. Geographical Diversity of India

11. From Barter to Money

8. How land becomes Sacred

Revise and create mind maps to help remember the key concepts.

2. Map Work Practice

Practice map work regularly.

On an outline map of India, mark and label:

- Important rivers
- States and capitals
- Physical features (mountains, plateaus, plains)

Use different colours and make a proper key



3. Travel Brochure Project

Title: “Explore Incredible India”

Create a brochure showing different regions

Include:

Place name

Climate

Food

Tourist attraction

👉 Example: Rajasthan (Desert), Himachal Pradesh (Mountains)



4. Scrapbook on Current Events

Prepare a scrapbook using newspaper/magazine cuttings.

Include at least **5–7 current events** related to:

- Environment
- Science & Technology
- Sports
- National/International news

Write 3–4 lines about each event in your own words.



(Eg)

SUBJECT - SCIENCE

THE SCIENCE SHOWDOWN

EXPERIMENT

1. THE ACID-BASE VOLCANO (NEUTRALISATION)

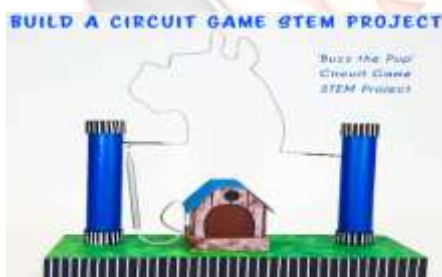
This experiment shows what happens when an acid and a base react to form a salt, water, and gas.

- **Materials:** Baking soda (base), vinegar (acid), dish soap, and food colouring.
- **Procedure:**
 1. Place 2 tablespoons of baking soda in a bottle or cup. Add a drop of food colouring and a little dish soap for "extra foam".
 2. Slowly pour in vinegar.
- **Observation:** A vigorous fizzing reaction occurs, releasing **carbon dioxide gas** and forming a salt (sodium acetate) and water.

2. DISSOLVING EGG SHELLS

This project illustrates how acids react with carbonates (the material required)

- **Materials:** A raw egg, a jar, and white vinegar.
- **Procedure:** Submerge a raw egg in a jar filled with vinegar and leave it for 24–48 hours.
- **Observation:** Bubbles of carbon dioxide gas will form on the shell as the acid "eats" the calcium carbonate. Eventually, the shell disappears, leaving only the thin inner membrane.
- CLICK PHOTOS WHILE CONDUCTING THESE EXPERIMENT AND PASTE THE PHOTOS IN THE PROJECT FILE



3. MISSION CONDUCTION

- Paste the picture of any FOUR conductors, insulators and mention where they are used.
- Example – 1. Wool - Insulator –TO MAKE WOOLLEN CLOTHES

4. SCIENCE OF COLOURS

- Prepare a beautiful birthday card for your Best Friend using turmeric as an INDICATOR
- Material used –
- Turmeric powder
- Water and paper as the base
- A brush or cotton swab
- Mild base (e.g. soap water, baking soda solution)



SUBJECT -ART HOMEWORK

1. Poster making on ‘Global Warming’

Instructions- You need to focus on the causes and effects of Global warming. How we are suffering and how to reduce its effect.

Slogans can be used. Eg-

Colours – Any medium you can use.

Eg-

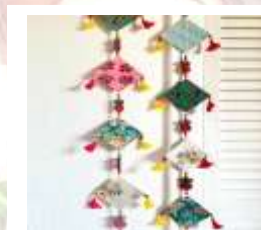


2. Best out of Waste:

Wall hangings – Collect Old silk clothes, square size cardboards, thread, beads and some decorative items.

Instructions- Paste silk cloth on cardboard, decorate it with beads And decorative items. Eg-

Eg-



SUBJECT-GK Worksheet: Know Your State Odisha

Name: _____ Roll No: _____ Section: _____

A. Multiple Choice Questions:

Q1. Which dance form of Odisha is one of the eight classical dances of India, known for its graceful movements and expression?

- (a) Bharatanatyam
- (b) Odissi
- (c) Kathakali
- (d) Manipuri

My Answer: _____

Q2. The Konark Sun Temple was built by which ruler in the 13th century?

- (a) Ashoka
- (b) Akbar
- (c) King Narasimhadeva I
- (d) Chandragupta Maurya

My Answer: _____

Q3. Which of the following is the state animal of Odisha?

- (a) Royal Bengal Tiger
- (b) Indian Elephant
- (c) Sambar Deer
- (d) One-horned Rhinoceros

My Answer: _____

Q4. Bali Jatra is a famous festival celebrated in Cuttack. It commemorates:

- (a) The Harvest season
- (b) The ancient maritime trade of Odisha's sailors with Southeast Asia.
- (c) The birthday of Lord Jagannath
- (d) The victory of Good over Evil.

My answer: _____

B. Fill in the blanks with the correct word or phrase:

Q5. The _____ is the largest saltwater coastal lagoon in India, located in Odisha, and is a UNESCO Ramsar Wetland site.

(Hint: Famous for Irrawaddy dolphins and migratory birds)

Q6. The Rath Yatra festival of Puri involves three grand chariots carrying Lord Jagannath, Lord Balabhadra, and Goddess _____ in a procession.

(Hint: She is the sister of Lord Jagannath)

Q7. Odisha's traditional hand-woven saree famous for its silver and gold thread work is called the _____ saree, and is a Geographical Indication (GI) tagged product.

(Hint: Named after a town in Odisha)

C. Read the passage carefully and answer the questions that follow:

Riya is a Class 7 student from Bhubaneswar. During her summer vacation, her family visited three famous places in Odisha. First, they went to Puri, where they watched the magnificent Rath Yatra and visited the 12th-century Jagannath Temple. Next, they drove to Konark to see the Sun Temple, a UNESCO World Heritage Site shaped like a colossal chariot with 24 intricately carved stone wheels. Finally, they visited Chilika Lake, where Riya was thrilled to spot the rare Irrawaddy dolphin. Her father told her that Odisha was once called 'Kalinga' — a powerful ancient kingdom famous for the Kalinga War fought by Emperor Ashoka in 261 BCE, which changed his life completely. Riya returned home proud of her state's rich history, art, and natural beauty.

Q8. Based on the passage, name ONE UNESCO World Heritage Site that Riya visited and mention ONE special feature of it.

Answer:

Q9. The passage mentions that Odisha was once known by another name. What was that name, and which famous emperor fought a war there?

Answer:

Q10. Riya spotted a rare animal at Chilika Lake. Name the animal and state ONE reason why Chilika Lake is considered ecologically important.

Answer:

SUBJECT: MORAL SCIENCE

Read the chapter Ch- 1 Keep smiling and Ch -2 Keep quiet.

Read and complete the exercise of both the chapters.

