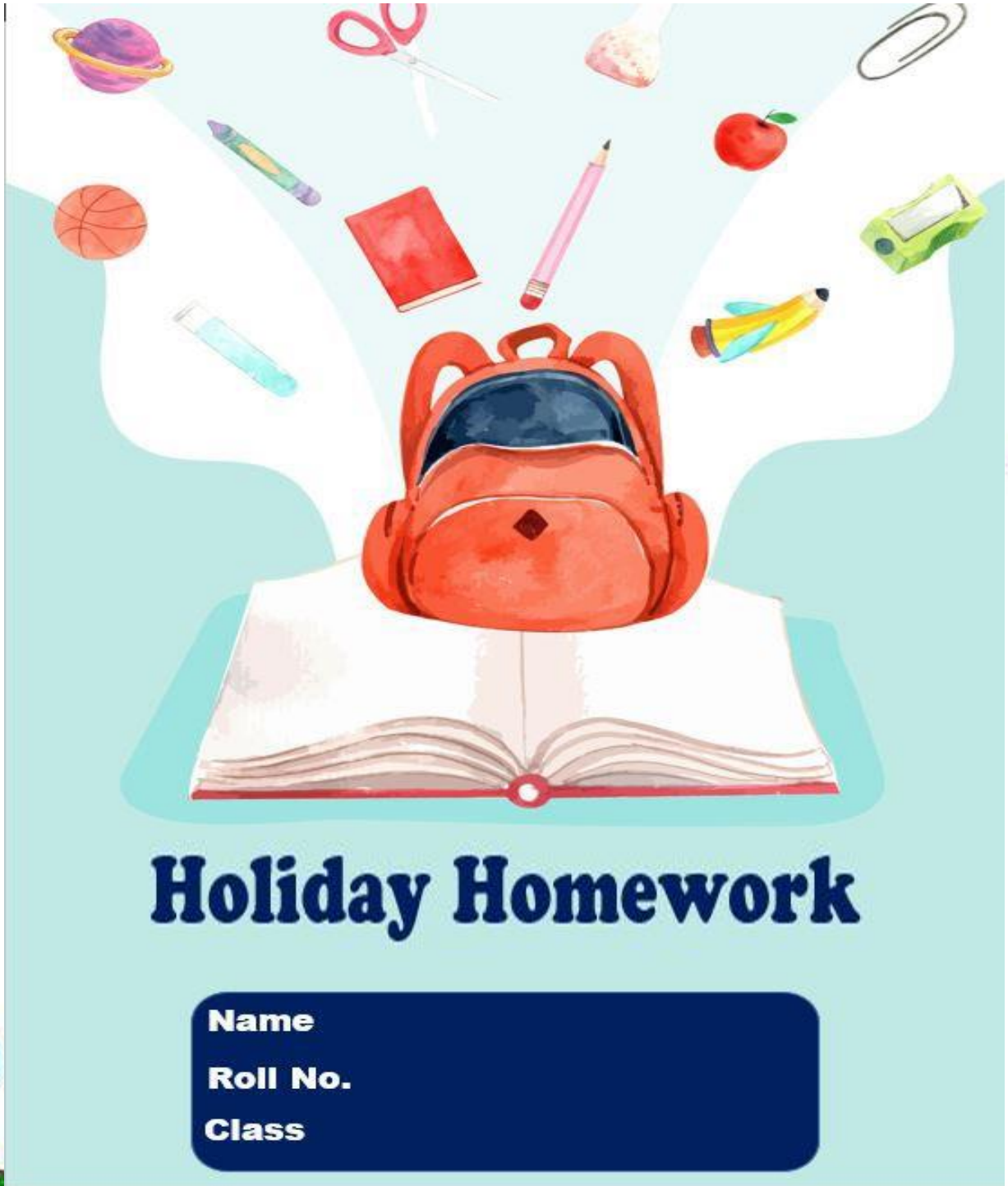




**ADARSH VIDYA NIKETAN**  
**SENIOR SECONDARY SCHOOL**  
**HOLIDAY HOMEWORK FOR CLASS -VIII (2026-27)**





## ENGLISH GRAMMAR WORKSHEETS

Do all the following worksheets in your Grammar register

**1. Read the following statements and fill in the gaps using correct question tags.**

- Sam isn't a good boy, \_\_\_\_\_ ?
- You have done your homework, \_\_\_\_\_ ?
- Please stop talking, \_\_\_\_\_ ?
- Patrick will come to the seminar tonight, \_\_\_\_\_ ?
- Rita never acts so rudely, \_\_\_\_\_ ?

**2. Choose the correct auxiliary verb. (do / be / have)**

- Jessica \_\_\_\_\_ finished all her work for today.
- They \_\_\_\_\_ planning to visit us next week.
- \_\_\_\_\_ you know if the meeting is still on for tomorrow?
- We \_\_\_\_\_ watching a movie when the power went out.
- My father \_\_\_\_\_ a digital diary in his bag.

**3. Fill in the blanks with the correct verb form-**

- He always \_\_\_\_\_ paneer tikka. (order)
- Meenal \_\_\_\_\_ already \_\_\_\_\_ her homework. (complete)
- She \_\_\_\_\_ \_\_\_\_\_ all night. (snore)
- I \_\_\_\_\_ \_\_\_\_\_ in this company for 10 years. (work)
- My brother \_\_\_\_\_ \_\_\_\_\_ when I entered his room. (sleep)

**4. Fill in the blanks with the correct determiners-**

- Can you pass me \_\_\_\_\_ salt, please? (some/ much/any)
- \_\_\_\_\_ children are playing in the park. (A few / A little/ The few / Little)
- \_\_\_\_\_ apple a day keeps the doctor away. (A/ An / The)
- I would like to buy \_\_\_\_\_ shoes, but I can't afford them right now. (this/ these / that)
- He drank \_\_\_\_\_ water he could find because he was so thirsty. (little / a little / the / little)
- They brought \_\_\_\_\_ own snacks to the movie. (my / their/ his)
- I have \_\_\_\_\_ dresses but they are loose. (much / many / any )
- A cat is a descendant of one of \_\_\_\_\_ rare breeds. (a / an the)
- \_\_\_\_\_ marker is this? (What / Which / Whose)
- \_\_\_\_\_ the countries want to be self-reliant. (Some / Many / All)



### 5. Fill in the blanks with suitable modals.

- a. My friend \_\_\_\_\_(can/must) play the guitar very well.
- b. I \_\_\_\_\_(could/may) need assistance in moving these boxes.
- c. Sir, \_\_\_\_\_(could/may) you repeat the instructions?
- d. Jessica \_\_\_\_\_(should/can) revise her notes before the exam.
- e. I \_\_\_\_\_(might/must) get late due to traffic.
- f. He \_\_\_\_\_ (will /can) solve this maths sum easily.
- g. She \_\_\_\_\_ (must/ would) have forgotten about the meeting.
- h. Steven's daughter \_\_\_\_\_ (can/ could) write perfectly when she was six.
- i. You \_\_\_\_\_ to (must/ ought) follow the traffic rules.
- j. Sir, \_\_\_\_\_ (may / might) I park my car here?

### (CREATIVE WRITING)

Do the following work in BBC Modules. Note the page numbers carefully

1. Descriptive Paragraph - page no. 99 (watchman of your locality)- Module 2
2. Notice – page no. 79 (habitual late comers)- Module 2
3. Informal Letter – page no. 135 ( to a friend seeking help with your project)- Module 3
4. Letter to the Editor – page no.159 ( too many tests and too much homework)- Module 3
5. Unseen passage – page no. 9 ( Ikebana ,a Japanese art of flower arrangement) – Module 1

### PROJECT WORK

#### VERB COLLAGE ( Roll no. 1 to 9)





"Verb Collage" is a newspaper-inspired activity where students hunt for verbs, cut them out, and create collages. It's a fun way to reinforce verb recognition while boosting critical reading skills and fostering creativity.

**Instructions-**

**Gather Newspapers:**

**Cut Out Verbs:** Once you find a verb, carefully cut it out of the newspaper. (choose unusual verbs)

**Create Collage:** Arrange these cut-out verbs on an A4 size paper to create a collage.

**POPCORN BOX (Roll no. 10 to 18)**

In the "Popcorn Box Activity," students will draw popcorn boxes, but instead of filling them with popcorn, they'll fill them with **determiners**. This inventive approach merges artistic expression with grammar exploration, making learning both fun and educational.



**INSTRUCTIONS-**

Make a popcorn box – Draw a popcorn box on an A4 size sheet. You can use your imagination to design the box.

Add determiners – Fill the popcorn box with determiners instead of popcorn



## TACTILE WORD CARD (ROLL NO 19- 27)



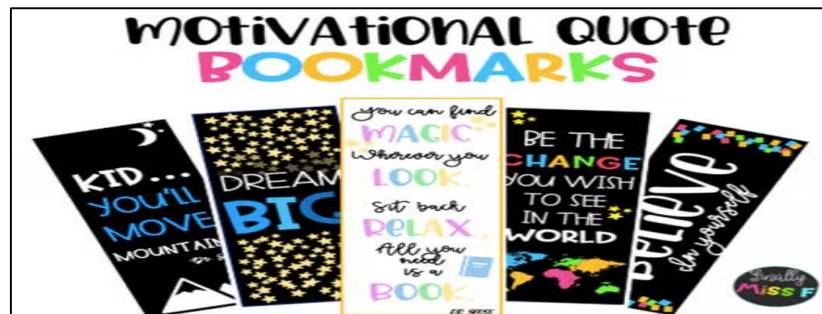
Tactile word cards are specialized learning tools—often featuring raised textures, sand, felt, or 3D objects—that enable individuals to explore letters, words, and concepts through touch. They are crucial for reinforcing multisensory learning, where the combination of seeing, hearing, and touching a word helps lock it into memory.

**Instructions** :- Make a tactile word card. Use ANY of the following words.

1. EN	2. H	3. WELC	4. BEA	5. GLO	6. S
JO	O	OME	UTY	W	MI
Y	M				LE
	E				

## BOOKMARK- (ROLL NO. 28-36)

Bookmark making enhances reading by promoting organization, protecting books from damage (like dog-earing), and fostering creativity through personalized designs. It encourages a love for reading—especially in children—while serving as a relaxing, sustainable craft that can create thoughtful, customized gifts.



Make a colourful Bookmark with a quotation or motivational line on it.



## HINDI

पाठ्य पुस्तक मल्हार और व्याकरण पुष्प

निर्देश -\*गृहकार्य साफ़ और सुंदर लिखावट में करें।

- ग्रीष्मावकाश कार्य निर्धारित( अलग) पतली कॉपी में करें।
- कार्य में स्वच्छता और रचनात्मकता बनाए रखें।
- गृह कार्य जमा करने की तिथि का ध्यान रखें।(04-07-2026)
- प्रथम आवधिक परीक्षा( FA1) का पाठ्यक्रम पूर्णतया याद करें।

1. पक्षियों के प्रति प्रेम 'दो गौरैया' पाठ के अनुसार एक घोंसला बनाए। सूखी घास कागज या कपडों की कतरन या धागों से छोटा मॉडल बनाएं।

2. बड़ों का आशीर्वाद क्यों आवश्यक है विषय पर 8-10 पंक्तियां लिखें। 'एक आशीर्वाद' कविता के आधार पर लिखिए

3. छुट्टियों में प्रतिदिन किसी एक व्यक्ति के लिए धन्यवाद लिखिए जिन्होंने आपको आशीर्वाद दिया हो या मदद की हो।

4. स्वदेश पाठ के आधार पर विद्यार्थी अपने देशप्रेम, संस्कृति एवं सम्मान की भावना को विकसित करें। (पोस्टर, चित्र, कविता लेखन या स्लोगन को A3 शीट पर प्रस्तुत करें)

5. हिंदी भाषा और बोली में 5 शब्दों का अंतर लिखिए।

6. संयुक्त व्यंजन वाले 10 शब्द लिखकर उनके वर्ण विच्छेद करें।

7. आपका नाम कौन से स्वर / व्यंजन से आरम्भ होता है ? उस अक्षर से 10 अन्य नाम लिखकर उनके अर्थ भी लिखो।

8. अनुक्रमांक के अनुसार निम्नलिखित विषयों पर अनुच्छेद लिखिए :-

1-5 : यदि पेड़ बोल सकते

6-10 : यदि मैं अदृश्य हो जाऊं

11-15 : यदि जानवर बोलने लगे

16-20 : आलसी रविवार या..... फुर्तीले बाकी दिन

21-25 : यदि इंटरनेट बंद होजाए

26-30 : उड़ती कार यदि मुझे मिल जाए

31-35 : मनपसंद देश का भ्रमण



9. हिन्दी भाषा विषय पर स्लोगन लिखकर बुक मार्क बनाएं। (माप 6 इंच लंबाई और 2 इंच चौड़ाई)

10) संवाद लेखन विषय:-

(i) दादी और पोती / पोते के बीच पुरानी समय की बातें

(ii) पक्षियों की परेशानी पर मनुष्य और कोई भी पक्षी (कबूतर, मोर, चिड़िया, गौरैया आदि)

(iii) मोबाइल ओर किताब के बीच

(iv) मोबाइल मुक्त सप्ताह के विषय पर पिता और बेटे के बीच

11) ऐसे 10 अशुद्ध शब्द लिखे जिन्हें हम सामान्य तौर पर गलत बोलते हैं तथा लिखते हैं ,उनकी सही वर्तनी करते हुए वाक्य भी बनाएं।



## MATHEMATICS

Q1. Find the cube root of 50653.

Q2. Find the smallest number by which 3645 should be divided so that question is a perfect cube.

Q3. Two numbers are in the ratio 2: 3. If difference of their cubes is 152, find the numbers.

Q4. Find the square root of 7056 by prime factorisation method.

Q5. Find the least number which must be added to 59000 to make it a perfect square

Q6. Find the value of each of the following:

(i)  $(-3)^3 \times 5^2$                       (ii)  $(-1)^3 \times [(27)^4 \div 9^5]$

Q7. Pluto is at a distance of 59,1,30,00,000 meter from the sun. Express this in the standard form.

Q8. At the end of the 20th century the world population was approximately  $6.1 \times 10^9$  people.

Express this population in usual form how would you say this number in words?

Q9. Find x so that.  $\left(\frac{2}{7}\right)^3 \times \left(\frac{2}{7}\right)^{-6} = \left(\frac{2}{7}\right)^{2x-1}$

Q10. Solve:  $\left(\frac{1}{4}\right)^{-2} + \left(\frac{1}{2}\right)^{-2} + \left(\frac{1}{3}\right)^{-2}$

Q11. Find the value:  $\frac{49 \times z^{-3}}{7^{-5} \times 10 \times z^{-5}}$

Q12 .By what number should  $\left\{\left(\frac{-5}{2}\right)^3\right\}^{-3}$  be multiplied to get  $\left(\frac{-2}{5}\right)^5$  ?

Q13. By what number should  $\left(\frac{-3}{2}\right)^{-4}$  be divided to get  $\left(\frac{-2}{3}\right)^3$  ?

Q14. Express the following numbers in standard form:

(i) 0.0000000003904

(ii) 12730000000000



Q15. Compare the following numbers:

a)  $5.976 \times 10^{24}$

b)  $8.689 \times 10^{23}$

Q16. Express the following numbers in usual form:

(i)  $5.73 \times 10^{-11}$

(ii)  $3.895 \times 10^{15}$

Q17. If  $(\frac{9}{4})^{-4} \times (\frac{2}{3})^3 = (\frac{p}{q})^{11}$ , then find the value of  $(\frac{p}{q})^{-2}$

Q18. Find the multiplicative inverse of  $(5^0 + 3^0) (5^0 - 3^0)$

### Activity

Q1. Create a "CROSSWORD PUZZLE" where the clues are mathematical statements based on chapter "A SQUARE AND A CUBE". (e.g The smallest to be multiplied by 72 to make it a perfect cube.) (Rollno 1-16 )

Q2. Create a model on Laws of exponents .( Rollno 17-33)

Q3 Find out Place value Representation in Egyptian , Mesopotamian and Mayan System .

Represent the number 41 in all above systems. (Refer to Chapter : 3 Story of Numbers ). This is compulsory for all students.

**Note: Practice all the chapters from book and revise for upcoming exams.**

☆ Revise all the chapters of the syllabus covered in the month of April and May.

☆ Do the given assignment neatly in a small separate notebook.

Q1. What do you mean by the term ' **Micro organisms** '?.Name the instrument which is used to see micro organisms.

Q2.Why is cell considered to be a basic unit of life ?

Q3. Name the parts which are present only in plant cells but they are not present in animal cells.

Draw well labelled diagrams of ' Animal cell ' and ' Plant cell '.

Q4. Identify the following microorganisms :

- I change milk into curd
- I make bread and cakes soft and fluffy.
- I live in every kind of environment and inside your gut.
- I live in the roots of pulse crops and provide nutrients for their growth.
- I help in the fermentation of batter for making Idli and dosa.

Q5. What is an electromagnet? Explain how can you make an electromagnet with the help of a diagram.

Q6. Nicrome wire is commonly used in electrical heating appliance is because it

- Is a good conductor of electricity
- Generates more heat for a given current
- is cheaper than copper
- Is an insulator of electricity.

Q7. Match the words in column A with those in column B.

Column A

Column B

- |                       |  |
|-----------------------|--|
| i). Voltaic cell      | a). Works on heating effect of current           |
| ii). Electric Iron    | b). Generates electricity by chemical reactions  |
| iii). Muscular force  | c). A ball moving on the ground stops on its own |
| iv). Frictional force | d). A child lifting a school bag.                |



Q8. Fill in the blanks

- is a single cell which behaves as a complete organism.
- are unicellular and can prepare their own food.
- A current carrying coil behaves like a -----.
- The longest cell in the human body is -----.
- The property of any liquid to exert upward force on an object immersed in it is called -----.

Q9.a) Differentiate between Mass and Weight.

- The weight of an object on the moon becomes one sixth of its weight on the earth. What causes this change?
- If weight of an object is 60 N on the earth. Find its weight on the moon.

Q10. Explain the importance of electric fuse in household electrical circuits.

### Q11. Project Work

- Make an electromagnet using materials like an iron nail, coil of copper wire, electric cell or battery ( Roll No. 1 to 12)
- Draw a simple electric circuit to show heating effect of current. ( use materials like wire, electric cell, small electric bulbs, switch ( Roll No. 13 to 24)
- Make chart / model showing various types of micro organisms. ( Roll No. 25 to 36).



## SOCIAL SCIENCE

Book (NCERT)

### EXPLORING SOCIETY : INDIA AND BEYOND (PART1)

Note: Holiday homework should be done in fair notebook of except Q8.

Q1. Multiple Choice Questions –

i) What is an example of a resource that is difficult to access?

- a) Trees in a park      b) Petroleum deep under the ocean      c) Fruits growing on trees  
d) Water in a river

ii) Which battle ended the Vijayanagara Empire's dominance in 1565?

- a) Battle of Haldighati      b) Battle of Talikota      c) Battle of Saraighat  
d) Battle of Panipat (II)

iii) Which of the following is a resource essential for life?

- a) Coal      b) Water      c) Wood      d) Oil

iv) Who founded the Mughal Empire in India?

- a) Akbar      b) Aurangzeb      c) Babur      d) Sher Shah Suri

v) What is one major environmental problem caused by cement production?

- a) Deforestation      b) Desertification      c) Water Conservation  
d) Air and Soil pollution

Q2. Fill in the blanks:

i) The \_\_\_\_ system assigned nobles to collect taxes for the Delhi Sultanate's army.

ii) Rivers are fed by rain and \_\_\_\_\_ .

iii) The Delhi Sultanate was formed after the defeat of \_\_\_\_\_ in 1192.

Q3. There are two statements marked as Assertion (A) and Reason (R). Mark your answer as per the codes provided below:

- a) Both (A) and (R) are true, and (R) is the correct explanation of (A).  
b) Both (A) and (R) are true, but (R) is not the correct explanation of (A).  
c) (A) is true, but (R) is false.



d) (A) is false, but (R) is true

i) Assertion (A): The Ahom kingdom successfully resisted Mughal expansion in the 17th century.

Reason (R): The Ahoms used their knowledge of Assam's forests, hills and rivers along with the paik system to defeat the Mughals in Battle of Saraighat.

ii) Assertion (A): Natural resources are evenly distributed across countries.

Reason (R): All regions of the world have different geographical and climatic conditions.

#### Q4. HOTS: THINK BEYOND

Enlist the cultural practices in your home and neighbourhood that point to mindfulness in the use of natural resources.

OR

Do you think the fragmentation of large empires into smaller kingdoms was beneficial or harmful for India? Justify your answer.

Q5. Observe the picture and answer the following questions with respect to the picture:



1. What is shown in the picture?
2. How does it affect our environment?
3. Why it is harmful for aquatic life?

Q6. Look at the picture and answer the following questions:



1. Which dynasty's emblem does it represent?
2. What does the sculpture in the picture narrate?
3. Name two famous temple sites built by this dynasty. Paste their picture too.

**Q7. MAP SKILL:**

Mark the following states on the political map of India and paste the map in the notebook:

- a) Two major coal producing states
- b) Two major iron-ore producing states
- c) One oil-field and one bauxite producing state

**PROJECT:**

Q8. Make a comic strip on the following topics: (Be creative and indigenous. Use A3 sheet for the same.)

- a) For odd roll no. "Super hero saving natural resources".
- b) For even roll no. "Story of a state becoming independent".

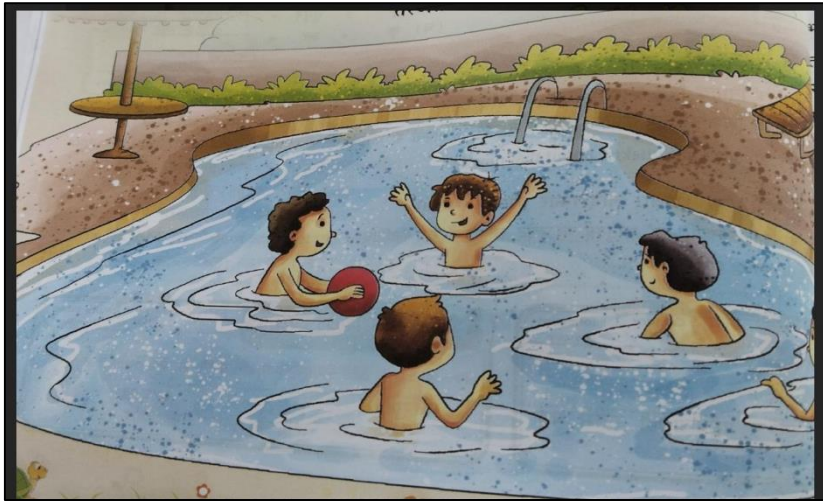


(sample of comic strip)



## संस्कृत

- 1 अन्तर्जालात् पुस्तकेभ्यश्च विंशति सुभासितानां सङ्ग्रहं कुरुत।
- 2 स्वप्रदेशस्य स्वतन्त्रतासङ्ग्रामिणां नामानि लिखित्वा तेषु एकस्य सचित्रां संक्षिप्तजीवनं लिखत।
- 3 ग्रीष्मकालीन अवकाशे भवतां भ्रमणाय कुत्र अगच्छत्  
तत्र भवतां किं किं दृश्यते चित्र सहित लिखत।
- 4 भवतां ग्रीष्मकालीनावकाशे यस्यः मेलनं तस्य वार्तालापं स्वकीय शब्दानां लिखत।
- 5 पाठस्य आधारे कोऽपि एकम् हितोपदेशस्य कथा स्वकीय शब्दानां लिखत।
- 6 ऋग्वेदस्य संक्षिप्तपरिचयं दीयतां। न
- 7 सन्धि विषय वस्तुं चित्रं सहित लिखत।
- 8 विविध -धार्माणां धर्मग्रन्थानां नामानि लिखित्वा कस्यचित् एकस्य धर्मग्रन्थस्य विवरणं लिखत।
- 9 चित्रं दृष्ट्वा संस्कृते पंच वाक्य लिखत।



- 10 मातृदिवसे (mother's day) माता विषये निबन्ध संस्कृते लिखत।

[https://youtube.com/shorts/evo\\_kn2MXGM?si=10-tB-Pt0vNi3IK0](https://youtube.com/shorts/evo_kn2MXGM?si=10-tB-Pt0vNi3IK0)



## Computer

### Worksheet -1

Instructions: Complete and paste the given worksheet in Computer Notebook, learn and revise all the work done in book (CodePilot) and Notebook.

#### A. Fill in the blanks:

1. A \_\_\_\_\_ is a device that forwards data packets between computer networks.
2. \_\_\_\_\_ topology uses a single cable to connect all computers.
3. The Internet is the largest \_\_\_\_\_ network.
4. NIC stands for \_\_\_\_\_ Interface Card.
5. A \_\_\_\_\_ is a group of computers and devices connected together to share resources and information.
6. The full form of LAN is \_\_\_\_\_.
7. \_\_\_\_\_ is the largest network in the world, connecting millions of private, public, academic, and business networks.
8. The \_\_\_\_\_ protocol is used to transfer files over the Internet.
9. \_\_\_\_\_ is a type of network that covers a large geographical area, such as a city or country.
10. The \_\_\_\_\_ is a unique address assigned to every device on a network.
11. \_\_\_\_\_ cables are commonly used in wired networks to connect devices.
12. A \_\_\_\_\_ is a set of rules that governs data communication between devices.

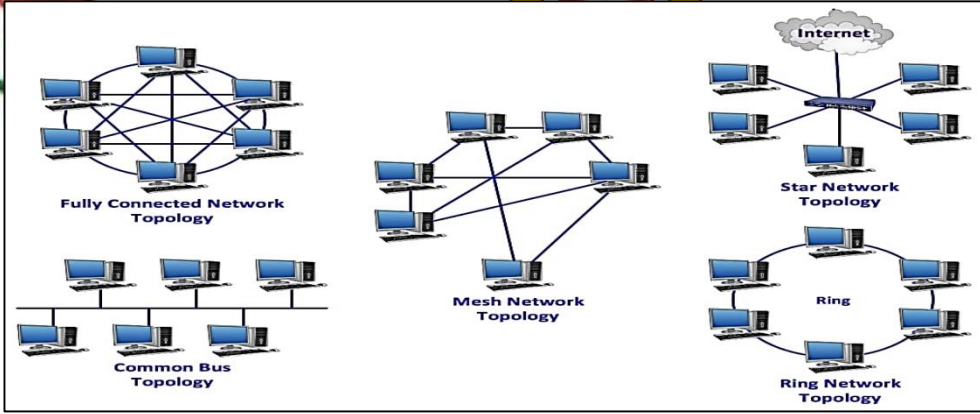
B. List any five points of difference between LAN, MAN and WAN.

C. Prepare a well- explained chart or collage with pictures from Internet on A3 size sheet on the below topics:

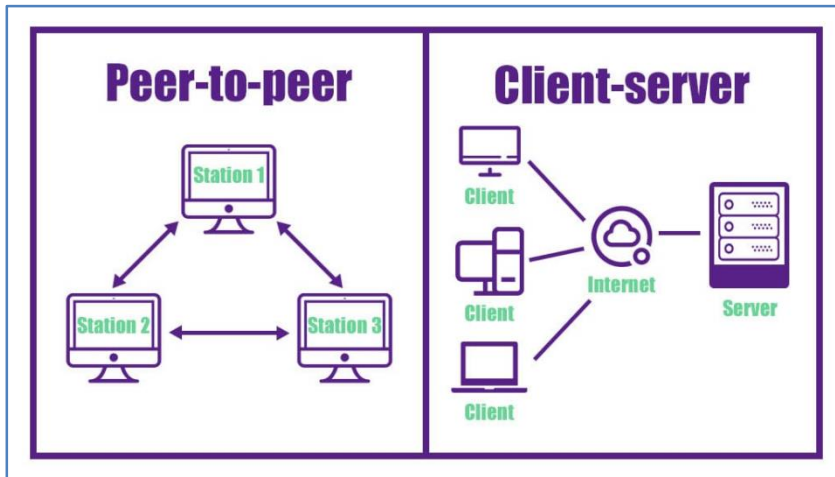
Roll No. 1 to 10 - Simple "Computer Network" with at least 4 devices.

Label the devices and connections (e.g., router, switch, cables etc).

Roll No. 10 to 20 - "Network Topology" describing various Topologies.



Roll No. 20 to 34 - "Network Architecture" defining the design of computer network.



D. Create a Digital Recipe Book using Google Slides or Docs and learn formatting, design, and presentation skills. Include minimum 4–5 recipes (can be your favorite dishes). Your recipe book must include Cover Page, Index, Recipe pages along with suitable pictures, headings, colors, and fonts properly. Add borders/backgrounds as well.

Submit the Google Docs/Slides link to my mail id [divyamalhotra.avn@gmail.com](mailto:divyamalhotra.avn@gmail.com) with your name, class and set sharing to: "Anyone with the link can view".



## General Knowledge

**Note:**

Roll No 1 to 16 - Do Q1.

Roll No. 17 & above - Do Q2.

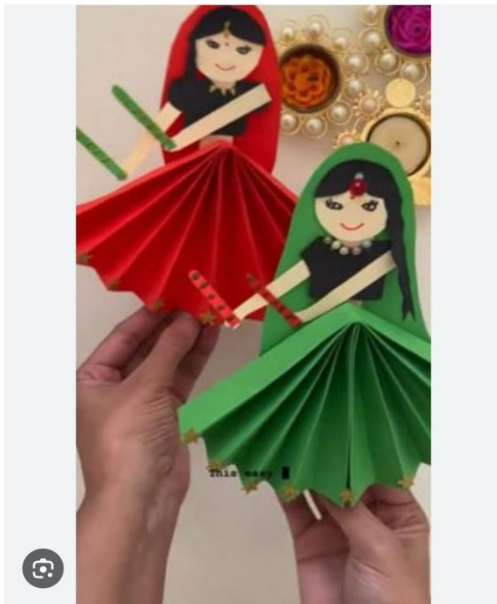
Q1. Create an Excel file on Project 5 -Water Audit for Water Management - Kaushal Bodh - Page No. 121

Q2. Create an Advertisement using Canva / handmade Poster on Project 6 -Creating Advertisements. Select a topic of your choice(refer to image given on Kaushal Bodh - Page No. 149)



## Art and Craft

Q1. Make a Paper Doll with decorative items available at home (reference images given below).



Q2. Mandala Art on A3 Size Sheet.