



...learning beyond classroom

# Dwarka International School

## Session 2024-25

### Class - VII





*Full of joy is early Summer,  
Growth and warmth and golden light;  
Every day is crowned with beauty,  
Full of loveliness the night.  
Dazzling sunshine brings the roses,  
Fills the whole bright world with bloom;  
Day and night rejoice together,  
Banished now are doubt and gloom.  
-Ellwood Roberts*

Dear Students and Parents,

As we embark on the summer vacation, I want to remind you of the importance of continued learning and growth during this time away from school.

To ensure that our students remain engaged and academically stimulated, we have assigned summer vacation homework for all classes. This homework is designed to reinforce concepts learned throughout the year and to prepare students for the upcoming academic term.

I urge all students to approach their summer homework with diligence and responsibility. Completing these assignments will not only enhance your academic skills but also help you start the new school year on the right foot.

Parents, your support in encouraging your children to complete their summer homework is invaluable. By working together, we can ensure that our students continue to thrive academically.

### **GUIDELINES FOR STUDENTS**

- Ensure timely submission of holiday homework after the reopening of the school.
- Try to incorporate creativity and innovation.
- Revise all the topics that have been taught by your subject teachers in the new session.
- Take up an activity at home which you enjoy for example sketching, dancing, gardening etc.
- UT- II Syllabus is provided at the end of the holiday homework, kindly prepare accordingly.

Wishing everyone a productive and enjoyable summer break!

Warm regards.



**THEME: TECHNOLOGY VS REAL WORLD**





### C. Choose the correct verb form given in brackets:

1. Abdul \_\_\_\_\_ to be a doctor. (wants, wanting, is wanting)
2. The Soup \_\_\_\_\_ good. (taste, tastes, is tasting)
3. Ashok fell off the ladder when he \_\_\_\_\_ the roof. (is mending, was mending, mended)



## हिंदी

1. इंटरनेटकेदुष्टप्रभावोंकोदशतिहुएएकपोस्टरतैयारकीजिए।(A4 साइजशीटपर)
2. हिंदीपाठमालापाठ - 4  
सभीकेंद्रशासितप्रदेशोंकेपर्यटनस्थलकेचित्रचिपकाकरउनकानामलिखिएतथाकेंद्रशासितप्रदेशोंमेंबोलीजाने वालीभाषा भीलिखिए। (A4 साइजशीटपर)
3. हास्यपदआधारितस्वरचितकवितालिखिए तथायादकीजिए।  
(A4 साइजशीटपर)

### कार्यपत्रिका

( कार्यपत्रिका की छायाप्रति (Printout) निकालकर उत्तर पुस्तिका मेंचिपकाइए। )

प्रश्न-1 नीचे दिए गए अपठित गद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए -

अहंकार प्रबल शत्रु के रूप में व्यक्ति के मन में विद्यमान रहता है। यह अहंकार ही सारे दुख, क्लेश, शोक, रोग और कष्ट का कारण बनता है यदि इस पर अंकुश न लगाया जाए तो यह आपके स्वयं के विनाश का कारण बन जाता है। अहंकारी व्यक्ति अपने जीवन काल में आंतरिक शांति एवं आनंद का फल नहीं चख पाता। अहंकार चाहे धन-संपत्ति का हो, बाहुबल का हो, रूप का हो, ज्ञान का हो, यश का हो, मनुष्य को अधोगामी बना देता है अहंकार की तुष्टि न होने पर मानसिक तनाव पैदा होता है और निरंतर तनाव में रहने से उच्च रक्तचाप एवं अन्य मनोकायिक रोगों की शिकायत हो जाती है।

(क) अहंकार की तुष्टि न होने पर क्या होता है?

उत्तर \_\_\_\_\_

(ख) व्यक्ति को किन-किन चीजों का अहंकार होता है?

उत्तर \_\_\_\_\_

(ग) अहंकार कहाँ विद्यमान रहता है?

उत्तर \_\_\_\_\_

(घ) अहंकार किसका कारण बनता है?

उत्तर \_\_\_\_\_

(ङ) गद्यांश में 'शक्तिशाली' और 'समय' शब्दों के समानार्थी ढूँढकर लिखिए।

उत्तर \_\_\_\_\_

प्रश्न 2 वाक्यांश के लिए एक शब्द लिखिए-

1) तेज बुद्धि वाला \_\_\_\_\_

2) दूसरों पर उपकार करने वाला \_\_\_\_\_

प्रश्न 3 सही कथन के सामने (✓) का चिह्न तथा गलत के सामने (X) का चिह्न लगाइए-

(क) दूध, दही, सोना, चाँदी द्रव्यवाचक संज्ञा हैं।

[ ]

(ख) सेना, दल, टुकड़ी, जातिवाचक संज्ञा हैं।

[ ]

(ग) 'लाल बहादुर शास्त्री व्यक्तिवाचक संज्ञा है।

[ ]

(घ) जातिवाचक संज्ञा से भाववाचक संज्ञा नहीं बनती।

[ ]

1. उन्नती \_\_\_\_\_ 2. पुज्य \_\_\_\_\_ 3. चिन्ह \_\_\_\_\_ 4. दात \_\_\_\_\_

प्रश्न 5 रेखांकित शब्दों के लिंग बदलकर वाक्य पुनः लिखे हैं-

(क) मंदिर में एक साधु आया।

\_\_\_\_\_

(ख) पूजा के लिए पंडित जी आ रहे हैं।

\_\_\_\_\_

(ग) कवि ने एक कविता लिखी।

\_\_\_\_\_

(घ) चौधरी जी ने घोषणा की।

\_\_\_\_\_

प्रश्न 6 निम्नलिखित शब्दों के वचन बदलिए -

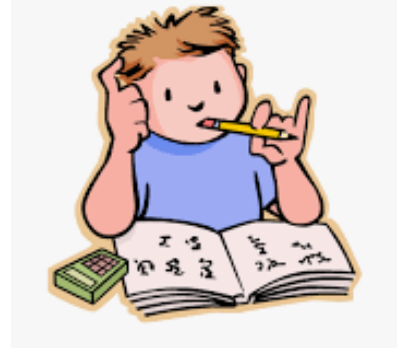
(क) चिड़िया \_\_\_\_\_

(ख) छात्र \_\_\_\_\_

(ग) रीति \_\_\_\_\_

(घ) लेखिका \_\_\_\_\_

# MATHEMATICS



1. Learn tables from 2 to 20.
2. Revise the chapters done in class.
3. Solve Check your progress, Mental Maths, Objective type questions of Ch 1(Integers), Ch 2 (Fraction and Decimals) in a separate notebook.
4. Prepare any one working model of your choice related to Mathematics.

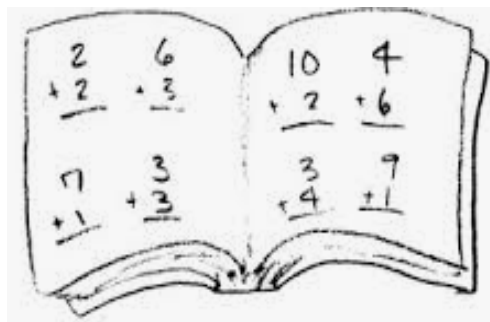
**Note:** Use of thermocol is not allowed.

5. Make a poster on topic “Real World and Technology”.
6. Track your daily internet usage for a week in the format given below and answer the questions based on it. (Do this in your Mathematics notebook.)

Record the time spent (in hours) on various activities such as studying, social media, gaming, browsing, etc.

DAY	STUDYING	ONLINE COURSES	BROWSING	WATCHING VIDEOS	OTHERS	TOTAL
Monday						
Tuesday						
Wednesday						
Thursday						
Friday						
Saturday						
Sunday						

- a. Calculate the total time spent on each activity for the entire week.
- b. Create a bar graph to represent the total time spent on each activity during the week.
- c. Which activity took up the majority of your internet usage time?
- d. Suggest ways to optimize your internet usage for better productivity and balance.



# SCIENCE



**Q1. TECHNOLOGY VS REAL WORLD.** Technology has changed our day-to-day lives. Technology has brought the world closer and better connected. Those days have passed when only the rich could afford such luxuries. Because of the rise of globalization and liberalization, all luxuries are now within the reach of the average person.

- (a) Prepare a report mentioning the types of health issues rising due to dependency on technology in mankind.
- (b) Mention ways to tackle those issues. Add some innovative methods which are not present currently.
- (c) Prepare a model on the topic “TECHNOLOGY VS REAL WORLD”. (*Using of Thermocol is strictly prohibited*)

**Q2. Chapter: 7 Weather, Climate and Adaptations of Animals to Climate project.**

- (a) Research and collect evidence that support the statement that climate change is leading to abnormal or bizarre weather patterns.

**NOTE: Ques1 and Ques2 has to be done in project file.**

Prepare a handwritten **PROJECT FILE** consisting of A4 size sheets. The project file must be presented in the following order:

- a. Cover Page: Must contain title, student’s detail, school’s name and session
- b. Certificate: Certificate of completion under the guidance of the teacher
- c. Acknowledgement: Acknowledging the institution and the persons who helped
- d. List of Contents/Index: List of contents with page numbers
- e. Introduction: Introduction of the topic
- f. Theory: Theory with relevant headings and their detail





## WORKSHEET

*(Paste the worksheet in your fair notebook)*

Answer the following questions-

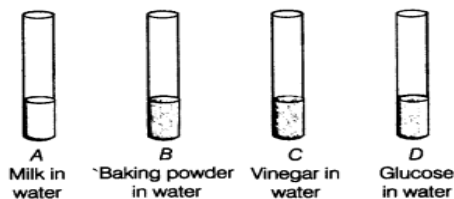
### **A. Write True or False.**

- (i). Brown pigment present in leaves of plants is chlorophyll. \_\_\_\_.
- (ii). Stomata are pores present on the leaf for gas exchange. \_\_\_\_.
- (iii). The food factory of the plant is its leaves. \_\_\_\_.
- (iv). Mushrooms show a parasitic mode of nutrition. \_\_\_\_.
- (v). Leaves of the pitcher plant modify to trap insects. \_\_\_\_.

### **B. Fill in the blanks**

- (i). In the symbol of the electric cell, the longer line represents the \_\_\_\_\_ terminal and the thicker, shorter line represents the \_\_\_\_\_ terminal.
- (ii). The bulb glows only when the switch is in the \_\_\_\_ position and the electric circuit is \_\_\_\_\_.
- (iii). When the switch is in the 'OFF' position, the circuit is \_\_\_\_\_.
- (iv). \_\_\_\_\_ are switches which automatically turn off when current in a circuit exceeds the safe limit.
- (v). When electric current passes through a wire, it behaves like a \_\_\_\_\_.
- (vi). A current carrying coil of an insulated wire wrapped around a piece of iron is called an \_\_\_\_\_.
- (vii). The combination of two or more cells is called a \_\_\_\_\_.
- (viii). The electromagnet weakens the cell quickly if left \_\_\_\_\_.

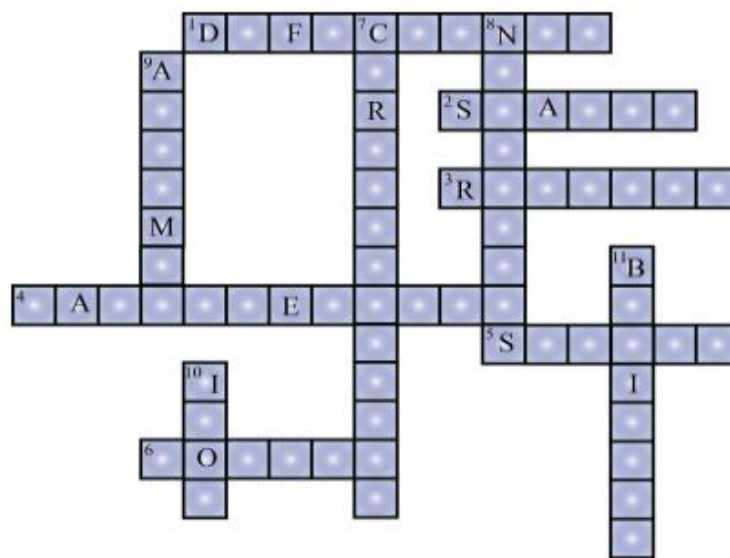
C. Look at the figure which shows solutions taken in test tubes A, B, C and D. What color is expected when a piece of red litmus paper is dropped in each test tube? The nature of the solutions is given in the table for your help.



Test tube	Nature of solution	Change in color of red litmus
A	Neutral	
B	Basic	
C	Acidic	
D	Neutral	

D. While playing in a park, a child was stung by a wasp. Some elders suggested applying paste of baking soda and others lemon juice as remedy. Which remedy do you think is appropriate and why?

E. Solve the crossword puzzle given as figure from the clues given below.

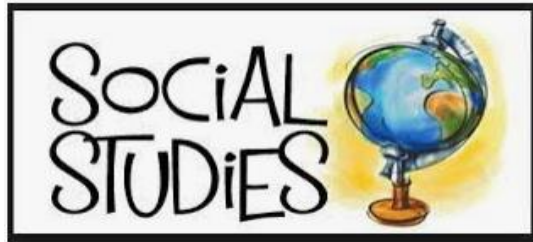


#### Across

- Lack of nutrient in our diet over a long period causes these diseases. (10)
- Rice and potato are rich in this type of carbohydrate. (6)
- Deficiency disease in bones making it becomes soft and bent. (7)
- The diet that provides all the nutrients that our body needs in right quantities along with adequate amount of roughage and water. (8,4)
- Deficiency disease with bleeding gums. (6)
- Disease caused due to the deficiency of iodine. (6)

#### Down

- Starch and sugar in our food are rich in this type of energy giving nutrient. (13)
- The term given to the useful components of food. (9)
- The disease caused by deficiency of iron in diet. (7)
- Green leafy vegetables and apples are rich in this mineral (4)
- Deficiency disease caused due to the lack of vitamin-B1 in the diet, (8)



“Technology has aided in the evolution of the modern world and how we imagine it. The technological innovations have made the lives of human beings convenient, easy and better than what it was yesterday. It has made possible for people to connect from all over the world through smart phones, emails, video calls, etc.”

**Q1** Make a collage on the topic “DIGITAL WORLD”.

***\*ABOVE QUESTION NEEDS TO BE DONE ON A-4 SIZE COLOURED SHEET, USING VARIOUS COLOURFUL PICTURES, COLOURED PENS, FEVICOL ETC.***

**Q2** Make a project file on “Tribal Groups in India” (Allotted to Roll no.)

- a) Roll No. 1-10 (NAGAS)
- b) Roll no. 11-20 (KHOKKAR)
- c) Roll No. 21-30 (SANTHALS)
- d) Roll No. 31-40 (BALOCHIS)

***\*It should include Acknowledgement, Certificates, Index, and Bibliography\*.***

***BY USING COLOURED PICTURES, SKETCH PENS, FEVICOL, FOLDER ETC.***

## **WORKSHEET**

***(Paste the worksheet in your fair notebook)***

### **NEW KINGS AND KINGDOMS (AD 700-AD 1200)**

1. The conflict between Rashtrakutas, Palas & Pratihara empire for control over Ganga Valley led to \_\_\_\_\_ struggle.
  2. Muhammad Ghori first capture Multan/Punjab.
  3. Write any one difference between Sati and Jauhar.
  4. Dilwara temple was built by \_\_\_\_\_.
- a) Chauhans                      b) Parmaras                      c) Chandelas                      d) Solankis
5. Al-Biruni’s account \_\_\_\_\_ is a valuable source of information about the Ghazni period.
  6. \_\_\_\_\_ declared himself the Sultan of Delhi after Muhammad Ghori’s death.

7. Coins indicate Mihira Bhoja had taken the title of \_\_\_\_\_.
8. \_\_\_\_\_ famously built the rock-cut Kailasa temple at Ellora.
9. Nalanda University is situated in \_\_\_\_\_.
10. \_\_\_\_\_ are credited for founding the city of Dhilli.
11. \_\_\_\_\_ established a powerful kingdom in the 7<sup>th</sup> century AD.

**12. In the question given below, there are two statements marked as Assertion (A) and Reason (R). Read the statement and choose the correct option:**

**I. Assertion (A):** Dantidurga performed a ritual known as Hiranya-garbha.

**Reason (R):** Dantidurga was not a kshatriya by birth.

**II. Assertion (A):** The Rajputs ruled over most of present-day Punjab.

**Reason (R):** The British called the region under the rule of Rajputs as Rajputana.

13. Why do you think the Turks were successful in establishing their rule over India?
14. Who were Rashtrakutas? Discuss their rule.
15. What do you understand by Tripartite struggle for Kannauj?



16. Identify the picture of a Temple.

17. The term \_\_\_\_\_ is derived from the Sanskrit word Rajputra, which means the 'son of a ruler'.

- a) Rajput                      b) Brahman                      c) Kshatriya                      d) Vaishyas

18. The Solankis were also referred as \_\_\_\_\_.

19. The foundation of the Pala dynasty was laid by a ruler called \_\_\_\_\_ in the 8<sup>th</sup> century AD.

20. The \_\_\_\_\_ ruled over Bundelkhand, which lay between Narmada and Yamuna rivers.





# COMPUTER

## Q1 Subject Enrichment Activity for Term-1 (10 marks)

Prepare a Graphic Novel/ Comic Book (5-6 pages) of your favourite character in MS Word/ PowerPoint. Design front page with proper title for your Graphic Novel / Comic Book. Take a colour print out to be submitted after summer vacation.

## Worksheet

### (Do it in computer notebook)

1. Convert the following decimal numbers into Binary, Octal & Hexadecimal Numbers and vice versa:

(a) 794 (b) 674 (c) 543 (d) 605 (e) 432 (f) 857 (g) 254 (h) 198 (i) 202 (j) 129

### #Practice Worksheet of Python

1. Write a program in Python to enter the marks of 5 subjects, add the numbers and calculate the percentage.

Hint:

```
sum=Eng+Hindi+Maths+Science+SST
```

```
Percentage=sum/5
```

2. Write a program to enter two numbers from user and check which number is greater and which is smaller.

Hint:

```
if a>b:
```

```
print(".....")
```

```
else:
```

```
print(".....")
```



# ART AND CRAFT

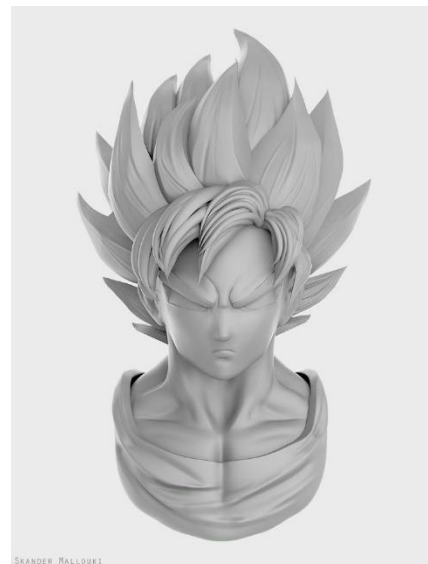


1. Do any one: -

- a) Create a jewellery, it can be a ring, a whole set, pair of earrings, bracelet or a pendant.  
You can use any material (like foam clay, mould it clays, beads, ribbon, paper quilling)



- b) Create a 2D or 3D anime or cartoon structure. You can use foam clay or mould it clay to create the structure.



## UT- II SYLLABUS (2024-2025)



### I. ENGLISH

**SECTION (A) - READING** Unseen Paragraph

**SECTION (B)-WRITING + GRAMMAR**

**WRITING-** Letter Writing (Formal)

**GRAMMAR-** L-7,8 and 9 - Present, Past and Future Tenses

**SECTION (C)-LITERATURE** Lesson-3: Marilla is Surprised;Poem-6: Goodbye party for Miss Pushpa T.S.

### II. HINDI

**अपठितकाव्यांश**

**साहित्य (पाठमाला)-पाठ-3**जबमैंपहलीपुस्तकखरीदीऔर**पाठ-5**हरयादको, भूलको, हरफूलको

**व्याकरण-पाठ 3, पाठ 4. पाठ 5** (विलोमशब्द, पर्यायवाचीशब्द,अनेकार्थीशब्द) **पाठ- 8**संज्ञा, विकारीतत्व (लिंगवचन,कारक)

**रचनात्मककार्य-चित्रवर्णन, पत्रलेखन**

### III. MATHEMATICS

**Chapter 2-**Fraction and decimal (only decimals)

**Chapter 3-** Rational numbers

### IV. SCIENCE

**Chapter-5** Acids, bases and Salts

**Chapter-2** Nutrition in Animals

### V. SOCIAL SCIENCE

**Chapter 2-** History: New Kings and Kingdoms

**Chapter 2-** Geography: Inside our Earth

**Chapter 2-**SPL: The State Government

**Map Work:** State Government

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