



तमसो मा ज्योतिर्गमय

# SUMMER VACATION HOME WORK CLASS - IX



**A. Read the passage carefully and answer the following questions :**

In the heartlands of South America, where the rhythms of life echo with the pulse of tradition, Yerba Mate reigns supreme as a symbol of shared moments and cherished bonds. Derived from the emerald leaves of the *Ilex paraguariensis* plant, this elixir of the earth captures the essence of the region's lush landscapes and vibrant cultures. From the sprawling pampas of Argentina to the misty hillsides of Paraguay, the cultivation and consumption of Yerba Mate transcend mere habit, evolving into a time-honoured ritual that weaves through the fabric of daily life.

Steeped in a centuries-old tradition, the process of preparing Yerba Mate is as much an art form as it is a practical pursuit. The dried leaves, meticulously harvested and cured, are carefully ground to perfection, releasing an intoxicating aroma that beckons to the senses. With precision and reverence, the finely ground mate is then nestled into a gourd, where it awaits the ceremonial baptism of hot water. As the water cascades over the verdant leaves, a transformation occurs, releasing a brew that is at once bitter and beguiling, earthy and enigmatic.

Yet, it is not merely the taste of Yerba Mate that captivates the soul, but the ritual of sharing it among kindred spirits. Whether gathered around a crackling fire in the depths of winter or basking in the golden glow of a summer afternoon, the act of passing a gourd of mate becomes a sacred communion in the society, a gesture of hospitality and goodwill. With each sip, friendships are forged, stories are spun, and the bonds of community grow ever stronger, nourished by the ancient tradition of sharing Yerba Mate. In a world that often seems fragmented and divided, Yerba Mate stands as a testament to the enduring power of connection and the timeless allure of unity.

1. What is Yerba Mate derived from?

- A) Coffee beans
- B) Tea leaves
- C) *Ilex paraguariensis* plant
- D) Cocoa pods

2. What is described as a characteristic of Yerba Mate's flavour profile?

- A) Sweetness and tanginess
- B) Bitterness and herbal notes
- C) Sourness and spiciness
- D) Creaminess and nuttiness

3. In what kind of gatherings is Yerba Mate often shared?

- A) Business meetings
- B) Family dinners
- C) Social events
- D) Religious ceremonies

4. Which two South American countries are specifically mentioned as places where Yerba Mate is enjoyed?

- A) Brazil and Chile
- B) Uruguay and Ecuador
- C) Argentina and Paraguay
- D) Peru and Bolivia

5. What is emphasized as the significance of preparing Yerba Mate?

- A) It is a complex process requiring advanced machinery.
- B) It is a practical task devoid of cultural significance.
- C) It is a simple ritual with no special meaning attached.
- D) It is an art form and a revered tradition.

6. Which word from the passage is a synonym for “deeply ingrained”?

- A) Cherished
- B) Pampas
- C) Sacred
- D) Honored

7. Describe the process of preparing Yerba Mate.

**B. Grammar:**

1. Akbar ..... the Moghul power paramount in India.

- A) Had made
- B) Has made
- C) Made
- D) Would make

2. I ..... him twice before he left for New York.

- A) saw
- B) have seen
- C) had seen
- D) seen

3. Edison ----- newspapers before he became a famous inventor.

- A) Sold
- B) Had sold
- C) Was selling
- D) Had been selling

4. She ..... the railway station before the train departed.

- A) had reached
- B) has reached
- C) reached
- D) was reached

5. We ..... nothing from all the wars in history.

- A) are learning
- B) learnt
- C) have learnt
- D) had learnt

6. She threw a glass at me, but .....

- A) was missing
- B) missed
- C) had missed
- D) have missed

C. Transform into positive degree:

Baghdad was the busiest airport in the Middle East.

D. Turn into indirect speech:

Lakshman said to me, "I have returned your notebook."

E. Writing :

Imagine you are Suhas/Sukanya, a student of Vidyaarthi Bhavan, a residential school. You have just returned home for the summer break. Write a diary entry comparing life at home to your hostel life in about 100 words.

## SUBJECT- HINDI

प्रश्न 1. शब्द निर्माण की प्रक्रिया कितने प्रकार की होती है ?

प्रश्न 2. उपसर्ग से आप क्या समझते हैं ? उदाहरण सहित लिखिए ।

प्रश्न 3. उपसर्ग शब्द होते हैं या शब्दांश ?

प्रश्न 4. प्रत्यय से क्या अभिप्राय है ? सोदाहरण स्पष्ट कीजिए ।

प्रश्न 5. प्रत्यय के कितने प्रकार होते हैं ?

प्रश्न 6. कृत और तद्धित प्रत्यय का अंतर उदाहरण सहित स्पष्ट कीजिए ।

प्रश्न 7. दिए गए शब्दों में से उपसर्ग तथा मूल शब्द अलग – अलग करके लिखिए -

उपसर्ग

मूलशब्द

अंतर्मुखी –

दुर्दशा –

संशोधन –

पर्यावरण-

अत्याचार –

प्रश्न 8. दिए गए उपसर्गों में से दो-दो शब्द बनाइए –

अनु -                      .....

अप -                      .....

नि -                      .....

स/सु -                      .....

बे - .....

प्रश्न 9. नीचे दिए शब्दों में उपसर्ग लगाकर नए शब्द बनाइए –

हाज़िर - .....

पुत्र - .....

ज्ञान - .....

जला - .....

तीस - .....

प्रश्न 10. नीचे दिए गए शब्दों में किन उपसर्गों का प्रयोग हुआ है ? लिखिए –

शब्द	उपसर्ग
प्रहार -	.....
कुपुत्र -	.....
खुशहाल -	.....
अतिथि -	.....
पुरातत्व -	.....

प्रश्न 11. निम्नलिखित शब्दों के सामने दिए गए मूल शब्द से जुड़े उपसर्ग के विकल्पों में से सही विकल्प चुनिए –

अत्यंत , अवगुण , बाकायदा

क) अति + अंत, अव + गुण , बा + कायदा

ख) अत्यं + त, अ + वगुण , बाकाय + दा

ग) अंति + अंत , अवगु + ण , बाक + यदा

घ) इनमें से कोई नहीं

प्रश्न 12. निम्नलिखित कथन के आधार पर उचित विकल्प चुनिए-

(अ) क्रिया या मूल धातु के अंत में जो शब्दांश जुड़कर संज्ञा या सर्वनाम शब्दों का निर्माण करते हैं, वे उपसर्ग कहलाते हैं।

(ब) जो प्रत्यय धातुओं या क्रियाओं को छोड़कर संज्ञा, विशेषण, सर्वनाम आदि शब्दों के अंत में लगाकर नए शब्दों की रचना करते हैं, वे तद्धित प्रत्यय कहलाते हैं।

क) 'अ' सही है 'ब' गलत है

ख) 'ब' सही है 'अ' गलत है

ग) 'अ' और 'ब' दोनों सही है

घ) 'अ' और 'ब' दोनों गलत है

प्रश्न 13. निम्नलिखित शब्दों में से मूल शब्द तथा प्रत्यय अलग कीजिए।

शब्द	मूलशब्द	प्रत्यय
सामाजिकता-	.....	.....
दर्शनीय -	.....	.....
बुद्धिमानी-	.....	.....
लिखावट -	.....	.....
झगड़ालू-	.....	.....
प्यास-	.....	.....
ज़हरीला -	.....	.....
सपेरा-	.....	.....

प्रश्न 14. निम्नलिखित प्रत्ययों से दो-दो शब्द बनाइए।

प्रत्यय	शब्द
औना	.....
ईय	.....
आवा	.....
आस	.....
इन	.....

प्रश्न 15. निम्नलिखित शब्दों में से मूल शब्द अलग कीजिए।

शब्द	मूलशब्द
अवगुण -	.....
भारतीय -	.....

अभिज्ञान - .....

ईमानदारी - .....

आनंदित - .....

प्रश्न 16. निर्देशानुसार उत्तर दीजिए-

निम्नलिखित शब्दों में उचित प्रत्यय जोड़कर नए शब्द बनाइए-

भूख , समाज , बुरा , भिक्षा , विज्ञान , इतिहास , धर्म , भूगोल , कृपा , नीति , पूजा

प्रश्न 17. उपसर्ग-प्रत्यय अलग करके लिखिए-

शब्द	उपसर्ग	मूल शब्द	प्रत्यय
बेईमानी	.....	.....	.....
अपठित	.....	.....	.....
परिपूर्णता	.....	.....	.....
निर्दयी	.....	.....	.....
अनुशासनिक	.....	.....	.....

प्रश्न 18. निम्नलिखित शब्दों में दो-दो प्रत्यय प्रयुक्त हैं। उन्हें पृथक कीजिए-

मार्मिकता - .....

नैतिकता - .....

ईमानदारी - .....

दयालुता - .....

वैज्ञानिकता - .....

पतंगबाजी - .....

प्रश्न 19. आपके नगर के प्रसिद्ध डेयरी में दूध तथा दूध से निर्मित पदार्थों में मिलावट की जाती है। नगर के स्वास्थ्य

अधिकारी को पत्र लिखकर उचित कार्यवाही के लिए अनुरोध कीजिए।

अथवा

दादा-दादी जी की सेवा करने की सीख देते हुए अपनी छोटी बहन को पत्र लिखिए ।

प्रश्न 20. कक्षा बारहवीं के बाद अपने भविष्य की योजना पर दो मित्रों के बीच संवाद लिखिए ।

अथवा

“महँगाई और पिसता आम आदमी” विषय पर समाज के दो सामान्य व्यक्तियों के बीच का संवाद लिखिए ।

## **SUBJECT- SANSKRIT**

1. शब्दरूपाणि -

बालक, कवि, साधु, लता, नदी, फल, भवत्, अस्मद्, युष्मद्, तत्, किम्।

(सभी शब्दरूपों को लिखकर याद करें)

2. धातुरूपाणि -

पठ्, गम्, नम्, अस्, प्रच्छन्न, कृ, भू, क्रीड, नी, दृश् (पाँचो लकार, परस्मैपद)

(सभी धातुरूपों को लिखकर याद करें)

3. श्रीमद्भगवद्गीता अथवा पंचतंत्र के कोई पांच श्लोक / सुभाषितानि हिंदी अर्थ सहित लिखो एवं याद करो ।

(परियोजना कार्य)\*

## **SUBJECT - MATHS**

1. Prepare a chart on the topic - 'ZERO IN ANCIENT HISTORY' - Mathematicians and their Discoveries.

2. From R D SHARMA BOOK do the following exercises -MCQs and Descriptive questions of NUMBER SYSTEM, EXPONENTS, RATIONALISATION (Minimum 20 questions of each chapter). Do these questions in your class work copy.

## **SUBJECT- SCIENCE**

### **GENERAL INSTRUCTION -**

1. Complete all the assignments given below in loose sheets (A4 size) and staple them together in proper order before submission.

2. Mention “**Science Summer Vacation Home Work**” on the FIRST page of the assignment.

3. Mention your - Full name, Admission number, Class/section on the FIRST page.

### **ASSIGNMENT ONE :**



1. An old man went for a morning walk in a circular path of radius  $R$  around a park. He stopped to take some rest after covering  $3/4^{\text{th}}$  of the circular path from his starting point. Draw a diagram to find the ratio of his distance to the displacement travelled.
2. A girl starting from her home went straight towards south for a distance of 10 m then turned left and walked for 10 m; she turned right again to walk for another 10 m and finally took another left turn and walked for 10 m to reach an ice cream shop. Draw a diagram to find her distance and displacement along with direction.
3. A ladder is fixed vertically at the corner edge of a cubical room where the two walls meet outside the room. The side length of the cubical room is of 4 m. A boy climbed the ladder, went to the roof and walked straight towards the opposite corner diagonally. Draw a diagram to find out his displacement.
4. A driver drove his car in a straight path for a distance of 10 m towards north and turned it back to drive for 25 m in the opposite direction. If he took 2 sec and 5 sec respectively to travel this distances, then find his average distance and average velocity in the duration by drawing a diagram.

### **ASSIGNMENT TWO:**

Draw neat and labelled diagram of the following:-

1. Latent heat of fusion & vaporisation.
2. Sublimation of ammonium chloride.
3. Inter conversion of states of matter.

### **ASSIGNMENT THREE:**

1. Compare a Plant cell and an animal cell with the help of suitable diagrams.
2. Draw and label the diagram of a plasma membrane as seen under the electron microscope.
3. Draw and practice the labelled diagram of following :
4. (a) Nucleus      (b) Endoplasmic Reticulum      (c) Mitochondrion.

## **SUBJECT – SAFETY MANUAL**

### **(Subject Enrichment Activity- 5 Marks)**

Dear Students

It is mandatory for all the students of class IX to complete a research-based project in Safety Manual. In this project, you will have the opportunity to explore on the topics mentioned below. Your project will be due on 20.06.2024, and it will be evaluated on several parameters. Here are the instructions for completing your project:

- Topics are the following: (ANY ONE)

Fracture

Fire (Electrical / LPG etc.)

Cuts and Wounds

Nose Bleeding

Heat Stroke

Snake Bite

**Note: Your topic should be clearly stated in the project report with Do's and Dont's**

**A. Research:** Once you got your facts checked, it is time to conduct research. You should consult a variety of sources, including academic journals, books and news articles. Your research should be thorough and well-documented.

**B. Report Writing:** Your report should be well-organized and clearly written. It should include Cover page, Index, Acknowledgement, an introduction, a review, a methodology section, a results section, and a conclusion. Your project should be handwritten between 10-15 pages (A-4 size). (avoid using plastic covers)

- i. The distribution of marks over different rubrics relating to project work is as follows:

<b>S. No.</b>	<b>Aspects</b>	<b>Marks</b>
a	Content accuracy, originality and Collaborative skills	2
b	Competencies exhibited and Presentation	2
c	Viva Voce	1

Submission: Your project should be submitted to your subject In charge latest by 20.06.2024. Please mention your Name, Class & section, and the title of your project on the Cover page.

**OR**  
**TOPIC-GROW YOUR FOOD**

**Dear students,**

The project report focuses on the common vegetables used in France, India, Sri Lanka and the USA, highlighting their significance in culinary traditions and dietary habits. This study will help the students to delve into the varieties of vegetables, cultivation methods, consumption patterns and many other connections of popular vegetables. The implementation process will involve collaboration, critical thinking, and communication skills as students work together to compile the findings and present them effectively in the project report.

In this project, you will have the opportunity to explore on the topics mentioned below. Your project will be due on 25.06.2024, and here are the instructions for completing your project:

Students will grow leafy vegetables like amaranth and spinach in their kitchen Garden and they will gather information about two vegetables grown in same month in France, Sri Lanka and USA.

Following report will be prepared in the form of scrapbook:-

Observation table:-

<b>Date of sowing</b>	<b>Name of crop</b>	<b>Soil type</b>	<b>Climate condition</b>	<b>Plant height</b>	<b>Duration of germination</b>	<b>Date of germination</b>

Students will prepare a scrapbook with pictures with evidences.

Submission: Your project should be submitted to your subject Incharge latest by 25.06.2024. Please mention your Name, Class & section, and the title of your project on the Cover page.

We hope that you will find this project both challenging and rewarding. If you have any questions or concerns, please do not hesitate to contact your teacher. Good luck and happy gardening!

Sincerely,

**OPJS**