HOLIDAY HOMEWORK

SESSION 2026-2027

तमसो मा ज्योतिर्गमय

SHARDA INTERNATIONAL SCHOOL

SHARDA
INTERNATIONAL SCHOOL

NAME : .....

CLASS : 9 ..... SECTION : .....

SUBJECT : .....

Learning is a Journey,
Creativity is the Key,
Holiday Homework is
the Path to Excellence.

INSTRUCTIONS

FOR A MEANINGFUL SUMMER HOLIDAY

MINIMIZE THE USE OF PHONE
Limit screen time and avoid unnecessary use of mobile phones and digital devices.

USE YOUR HOLIDAYS WISELY
Plan your time well. Balance relaxation with productivity.

BE SOCIAL
Spend quality time with family and friends. Talk, listen and build strong relationships.

ENHANCE YOUR SKILLS
Learn something new or improve an existing skill. Use this time for your personal growth.

EXPLORE YOUR CREATIVITY
Indulge in art, music, drawing, writing or any activity that brings out your creativity.

READ AND LEARN
Read good books, explore new topics and broaden your knowledge.

BE RESPONSIBLE
Help your parents, be independent and complete your tasks with sincerity.

CREATE A NETWORK
Connect with positive people, share ideas and learn from each other.

STAY ACTIVE AND POSITIVE
Exercise regularly, eat healthy and stay positive. Your well-being is important.

Believe in yourself and make every day count. ♡

Wishing you all a

HAPPY SUMMER HOLIDAYS!

♡

RELAX, RECHARGE AND RETURN STRONGER.
MAKE MEMORIES. BE HAPPY. STAY SAFE.

Plan Well
Work Hard
Be Creative
Make it
Amazing!

Let's Make Learning Beautiful!

PROJECT GUIDELINES

Good Ideas
Great
Projects!

Follow these important points while making your project

- Submit your project on or before the **given date.**
- Make your project neat, well-organized and on **A4 size sheets.**
- Use **colours, drawings,** headings and borders to make it attractive.
- Paste **pictures** and write points wherever needed. Make sure they are relevant and clear.
- Use **tables, bar graphs, flow charts** or diagrams wherever required.
- Use **maps, newspaper cuttings, pictures** or any other resource wherever needed.
- Be **creative** and present your ideas in the best possible way.
- The project should be your **original work.** Use your own words and ideas.

SUBMISSION DATES

Hindi, English & Mathematics Projects

Submit on

2nd or 3rd JULY

SST, IT & Science Projects

Submit on

4th JULY

Submit your project on time and take pride in your work!

INTRODUCTION
OBJECTIVES
CONTENT
KNOWLEDGE MAP / DIAGRAMS
CONCLUSION
BIBLIOGRAPHY
REFLECTION

YOUR PROJECT SHOULD INCLUDE

Introduction
Write a short introduction about the topic.

Objectives
Mention the aims or objectives of your project.

Content / Main Topic
Write the main content in a systematic manner.

Knowledge Map / Diagrams
Add mind maps, diagrams, flow charts to show your ideas.

Conclusion
Write a concluding paragraph in your own words.

Bibliography
List the books, websites or resources you referred to.

Your Effort Today, Your Success Tomorrow!

ALL THE BEST!

SUBJECT-ENGLISH

ACTIVITY-1

Art Integrated Project:

Title- Bio Diversity of Manipur

Add in your project question given below.

a. Write a letter to the Editor of The Times of India in 100-120 words. describing the bio-diversity of Manipur on A4 size sheets along with pictures.

ACTIVITY-2

Attempt the given questions in homework notebook:

a) Imagine you are the 12-year-old narrator, Sudha. Write a diary entry (100-120 words) describing the feeling of watching your grandmother learn to read, her determination to succeed at age 62, and the significance of her touching your feet on Dussehra.

b) Compare the characters of the grandmother (Avva) and the narrator (Sudha). Create a Venn diagram showing their differences (age, role) and similarities (determination, love for stories).

c) What does the line 'A new pot maker was born' signify?

d) You are the Cultural secretary of your school. Write a notice about the dance competition which your school is going to organise on the occasion of Foundation day of your school. Give all details.

e) Fill in the blanks by using the appropriate forms of the verb given in brackets.

Do the following in homework notebook:

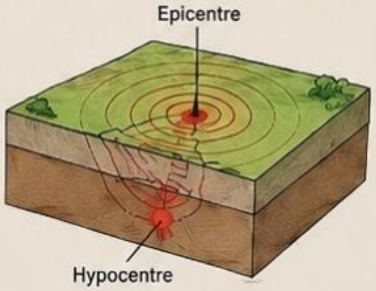
i. The train (leave) before we reached the station.
ii. I (read) an interesting novel these days.
iii. My father (work) in this office for twenty years when he retired.
iv. If you (study) hard, you will pass the examination.
v. Measles haven't had. (is/are) the only childhood disease I
vi. There weeks (are/is) a long vacation.
vii. The team (has/have) received their letters.
viii. departed/after/he/king/seeing/the difficult/ the/was/source/the/to/discover/Nile/ of
ix. police/ the/he/in/hindered/ the/ execution/duty/ their/ of
x. Fill in the blanks by using the appropriate forms of the verb given in brackets.

SUBJECT- SOCIAL SCIENCE

ACTIVITY - 1

PROJECT ON NATURAL AND MANMADE DISASTERS

- Definition of Disasters
- Types:
  - Natural
  - Manmade (Earthquakes, Floods, Cyclones, Industrial Accidents, Pollution, Cyber Threats)
- Disaster Management

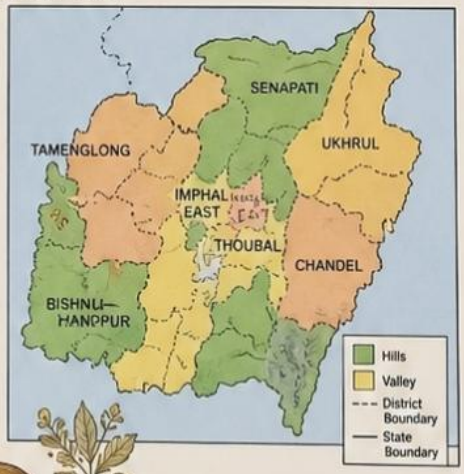


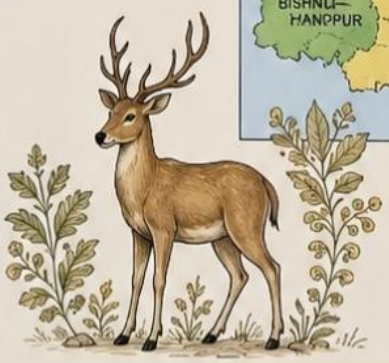
ACTIVITY - 2

ART INTEGRATED PROJECT

BIODIVERSITY OF MANIPUR

1. Biodiversity of Manipur
2. Geographical Location with Map
3. Different Regions of Manipur
4. Types of Biodiversity
5. Endemic & Endangered Species
6. Causes of Depletion
7. Conservation Importance
8. Government Initiatives





SUBJECT- SCIENCE

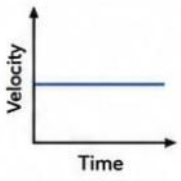
TASK – 1

Revise the explained chapters with all solved questions-answers given in the reference book.

TASK – 2

Draw the following diagrams in your Question Bank register.

(i) Distance – Time graph for all the cases
(ii) Velocity – Time graph for all the cases
(iii) Sublimation activity
(iv) Nucleus
(v) Bacteria cell
(vi) Golgi Body
(vii) Endoplasmic reticulum
(viii) Chloroplst
(ix) Mitochondria
(x) Golgi body



Sublimation

Nucleus

Bacteria cell

Golgi Body

Endoplasmic reticulum

Chloroplst

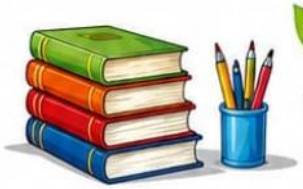
Mitochondria

Golgi body

TASK – 3

Written Work

- Solve the attached assignment uploaded on e care file in question bank register.
- Write activity 1 and activity 2 in your science activity file from the attached document uploaded on e care.
- Solve PT -1 Papers (Set 1 & 2) In Question bank register.



TASK – 4

Art Integrated Project: To study the Biodiversity of Manipur and explore its scientific importance on the following basis:

- Study the meaning of biodiversity and its importance in maintaining ecological balance.
- Explore the major habitats and ecosystems found in Manipur (forests, hills, valleys, wetlands, lakes, etc.).
- Identify the different types of flora and fauna found in Manipur and their role in the ecosystem.
- Understand the science behind biodiversity, such as:
  - food chain and food web
  - interdependence of organisms
  - adaptation and survival
  - role of decomposers
- Study the importance of protected areas in Manipur and their role in conservation.
- Explore the concept of endemic and endangered species and why they need protection.
- Study the major threats to biodiversity such as deforestation, pollution, habitat loss, climate change and human activities.
- Research and write about conservation methods like afforestation, wildlife protection laws, sustainable use of resources and awareness programmes.
- Add the importance of biodiversity in terms of economic value, such as tourism, forest resources, fisheries and medicinal value.
- Use pictures or draw scenes of Manipur's natural environment and decorate with vibrant colours.

SUBJECT-COMPUTER

Part 1: Answer the following questions:

Q1. How has Artificial Intelligence changed the way people use smartphones and social media?

Q2. How is Artificial Intelligence improving customer service in BPO companies?

Q3. How does speech recognition technology help customer support services?

Q4. What cyber safety measures should be followed during online communication?

Part 3. WEB DESIGNING PROJECT-(HTML & WEBPAGE DESIGN)

Q1. Develop a basic multi-section webpage on:

"SMART INDIA: TECHNOLOGY FOR TOMORROW"

The webpage must contain:

- Heading and Navigation Section
- Formatted Text
- Hyperlinks
- Lists and Tables
- Images
- Background Styling
- Contact Section
- Footer

विषय - हिंदी

1.किन्हीं चार भक्तिकालीन कवियों द्वारा रचित दोहों व पदों का संकलन करके एक सचित्र परियोजना कार्य तैयार कीजिए।
2. करवाए गए पाठ्यक्रम की पुनरावृति करें।
3. अपने ग्रीष्मकालीन अवकाश की दिनचर्या में (दो सेवा कार्यों) का सचित्र वर्णन कीजिए। उदाहरण - (किसी जरूरतमंद की मदद करके, पर्यावरण को स्वच्छ करने में आपका सहयोग)
4 'मणिपुर की जैव विविधता विषय से संबंधित एक सचित्र लेख लिखें।
5. "आज के विद्यार्थियों को सही दिशा निर्देश की आवश्यकता विषय को लगभग (120) शब्दों में एक अनुच्छेद लिखिए।
6.अपठित गद्यांश (प्रश्न -11,12,13, पृष्ठ संख्या-36,37,38,39) अपठित काव्यांश (प्रश्न - 8,9,10 पृष्ठ संख्या 66,67) (व्याकरण पुस्तिका में हल करें।
7.(शब्द भंडार- मुहावरे , समानार्थी) विराम चिन्ह, निपात पढ़ें (e-care पर देखें)
8 .निम्नलिखित कार्य पत्रिका व्याकरण पुस्तिका में हल करें -

हिन्दी व्याकरण कार्य-पत्रिका

▪*निर्देशानुसार उत्तर दीजिए-*

I.सही विकल्प का चयन कीजिए -

'अतिरिक्त' शब्द में कौन-सा उपसर्ग लगा है?

(क) अ (ख) अति (ग) अक्त (घ) रिक्त

2.'अनुभव' शब्द में मूल शब्द और उपसर्ग का सही विच्छेद क्या है?

(क) अन + उभव (ख) अ + नुभव (ग) अनु + भव (घ) अनु + अस्तव

3.'निर्गुण' शब्द में किस उपसर्ग का प्रयोग हुआ है?

(क) नि (ख) निर् (ग) निरा (घ) निस

4. किस शब्द में 'वि' उपसर्ग का प्रयोग नहीं हुआ है?

(क) विशेष (ख) विज्ञान (ग) विमल (घ) विद्यालय

5. 'बाकायदा में प्रयुक्त 'बा' किस भाषा का उपसर्ग है?
(क) संस्कृत (ख) हिन्दी (ग) उर्दू-फ़ारसी (घ) अंग्रेज़ी

II. नीचे दिए गए शब्दों से उपसर्ग और मूल शब्द अलग करके लिखिए -

i.प्रतिकूल- _____ + _____
ii.अधखिला- _____ + _____
iii.सुपुत्र- _____+ _____
iv.दुर्दशा - _____ + _____
v.परोपकार- _____ + _____
vi.संयोग- _____ + _____
viiअभिमान-_____ + _____
viiiउन्नति -_____ + _____
ix.बदनाम- _____ + _____
x.कमज़ोर- _____ + _____

III. निम्नलिखित उपसर्गों का प्रयोग करके दो-दो शब्द बनाइए -

'प्र' - (i) _____ (ii) _____
'नि'- (i) _____ (ii) _____
'कु'- (i) _____ (ii) _____
'स्व'- (i) _____ (ii) _____
'ला'- (i) _____ (ii) _____
'गैर' - (i) _____ (ii) _____
'परि'- (i) _____ (ii) _____
'अन'- (i) _____ (ii) _____

IV. नीचे दिए गए शब्दों में से मूल शब्द और प्रत्यय अलग करके लिखिए -

शब्द	मूल शब्द	प्रत्यय
1. सामाजिक	_____	_____
2. तैराक	_____	_____
3. मनुष्यत्व	_____	_____
4. चमकीला	_____	_____

5. लिखावट _____ _____
6 .टोपीवाला _____ _____
7 .कड़वाहट _____ _____
8. भारतीय _____ _____
9 .झगड़ालू _____ _____
10. सपेरा _____ _____

V.दिए गए मूल शब्दों में उचित प्रत्यय जोड़कर नए शब्द बनाइए -
1.पढ़ + आई = _____
2. सुंदर + ता = _____
3. धन + वान = _____
4. सब्जी + वाला = _____
5. मीठा + आस = _____

VI.नीचे दिए गए संज्ञा पर आधारित प्रश्नों के उत्तर दीजिए-
i.'हिमालय' शब्द संज्ञा के किस भेद के अंतर्गत आता है?
ii."झुंड, सभा, दल→ शब्द संज्ञा के किस भेद को दर्शाते हैं?
iii.'सोना' और 'चाँदी' किस प्रकार की संज्ञा के उदाहरण हैं?
iv"गांधी जी अहिंसा के पुजारी थे।→ इस वाक्य में 'अहिंसा' कौन-सी संज्ञा है?
v.'बचपन' शब्द किस मूल शब्द से बना है?

VII.निम्नलिखित रेखांकित शब्दों में संज्ञा के भेद का नाम लिखिए-
i. <u>सरदार पटेल</u> की दृढ़ता के कारण उन्हें 'लौह पुरुष' कहा जाता है।
ii.दिल्ली यमुना <u>नदी</u> के किनारे बसी है।
iii.जंगल में हाथियों का <u>झुंड</u> दिखाई दिया।
iv.माँ रसोई में <u>तेल</u> और घी के डिब्बे रख रही है।
v.<u>कोयल</u> अपनी मीठी बोली के लिए जानी जाती है।

VIII. निम्नलिखित सर्वनाम पर आधारित प्रश्नों के उत्तर दीजिए-
i."मैं अपना काम स्वयं करूँगा।→ वाक्य में 'स्वयं' कौन-सा सर्वनाम है?
ii.जो शब्द संज्ञा के स्थान पर प्रयोग किए जाते हैं, उन्हें क्या कहते हैं?
iii.'कोई' और 'कुछ' किस प्रकार के सर्वनाम हैं?

iv."जो मेहनत करेगा, वह सफल होगा।→ - इस वाक्य में 'जो-वह' कौन-सा सर्वनाम है?
v.मध्यम पुरुषवाचक सर्वनाम का एक उदाहरण दीजिए।
vi.'आप' शद्ब का प्रयोग आदर देने के लिए और निजवाचक के लिए भी होता है। (सत्य/असत्य)
vii.प्रश्नवाचक सर्वनाम का प्रयोग करके एक वाक्य बनाइए।
viii."बाहर कौन आया है?" वाक्य में सर्वनाम शद्ब छाँटिए।

SUBJECT-MATHS

Instructions

* Answer all the Multiple Choice Questions (MCQs) on loose sheets neatly.

* Write the question number clearly before answering.

* Show all proper steps and complete solutions for each question.

* Do not write only the final answer.

* Maintain neat handwriting and proper presentation.

* Attach all the loose sheets properly and submit them on time.

Task - 1

Multiple Choice Questions

1. The ordinate of all the points on the x-axis is:
    - (a) 3
    - (b) 0
    - (c) –3
    - (d) 1
2. The abscissa of all the points on the y-axis is:
    - (a) –1
    - (b) 1
    - (c) 0
    - (d) 2
3. The signs of the coordinates of a point in the second quadrant are:
    - (a) (+, +)
    - (b) (–, +)
    - (c) (–, –)
    - (d) (+, –)
4. The origin lies on:

- (a) y-axis
- (b) both x-axis and y-axis
- (c) x-axis
- (d) neither x-axis nor y-axis

5. The point (–4, 7) lies in:
   - (a) I quadrant
   - (b) II quadrant
   - (c) III quadrant
   - (d) IV quadrant
6. The point (0, –5) lies:
   - (a) on the x-axis
   - (b) in the II quadrant
   - (c) on the y-axis
   - (d) in the IV quadrant

7. The point (–7, 0) lies:
   - (a) in the negative direction of x-axis
   - (b) in the negative direction of y-axis
   - (c) in the III quadrant
   - (d) in the IV quadrant
8. A point whose both coordinates are negative lies in:
   - (a) I quadrant
   - (b) II quadrant
   - (c) III quadrant
   - (d) IV quadrant
9. If the perpendicular distance of a point from the x-axis is 5 units, then the point has:
   - (a) x-coordinate = –5
   - (b) y-coordinate = 5 only
   - (c) y-coordinate = –5 only
   - (d) y-coordinate = 5 or –5

10. The points whose abscissa and ordinate have different signs lie in:

- (a) I and II quadrants
- (b) II and III quadrants
- (c) I and III quadrants
- (d) II and IV quadrants

11. If P(–1, 1), Q(3, –4), R(1, –1), S(–2, –3) and T(–4, 4) are plotted on a graph paper, then the points in the fourth quadrant are:

- (a) P and T
- (b) Q and R
- (c) S only
- (d) P and R

12. If P(5, 1), Q(8, 0), R(0, 4), S(0, 5) and O(0, 0) are plotted on the graph paper, then the point(s) on x-axis are:

- (a) P and R
- (b) R and S
- (c) only Q
- (d) Q and O

13. The points (other than origin) for which abscissa is equal to ordinate will lie in:

- (a) I quadrant only
- (b) I and II quadrants
- (c) I and III quadrants

- (d) II and IV quadrants

14. If $x > 0$ and $y < 0$, then the point (x, y) lies in:
- (a) I quadrant
- (b) II quadrant
- (c) III quadrant
- (d) IV quadrant

15. The points (1, –1), (2, –2), (4, –5), (–3, –4):
- (a) lie in II quadrant
- (b) lie in III quadrant
- (c) lie in IV quadrant
- (d) do not lie in the same quadrant

16. If the y-coordinate of a point is zero, then the point always lies:
- (a) in I quadrant
- (b) in II quadrant
- (c) on x-axis
- (d) on y-axis

17. The image of the point (–3, –4) in x-axis lies in:
- (a) I quadrant
- (b) II quadrant
- (c) III quadrant
- (d) IV quadrant

18. Abscissa of a point is positive in:
- (a) I and II quadrants
- (b) I and IV quadrants
- (c) I quadrant only
- (d) II quadrant only

19. The point whose ordinate is 4 and which lies on y-axis is:
- (a) (4, 0)
- (b) (0, 4)
- (c) (1, 4)
- (d) (4, 2)

20. The coordinates of the point which lies on y-axis at a distance of 4 units in negative direction of y-axis are:
- (a) (4, 0)
- (b) (–4, 0)
- (c) (0, –4)
- (d) (4, –4)

21. The area of the figure formed by joining the points P(4, 4), Q(4, –4), R(–4, –4) and S(–4, 4) in order is:
- (a) 24 sq. units
- (b) 16 sq. units
- (c) 64 sq. units
- (d) 48 sq. units

22. The distance of the point P(–6, 8) from the origin is:
- (a) 6 units
- (b) 8 units
- (c) 14 units
- (d) 10 units

23. If the coordinates of the vertices of a triangle are O(0, 0), A(6, 0) and B(0, 8), then the area of the triangle is:
- (a) 48 sq. units
- (b) 24 sq. units
- (c) 14 sq. units
- (d) 12 sq. units

24. Which of the following points do not lie on the x-axis?
    P(0, 3), Q(1, 0), R(0, –1), S(–5, 0), T(1, 2)

- (a) P and R only
- (b) Q and S only
- (c) P, R and T
- (d) Q, S and T

Task 2

Case Study Based Questions

Case Study 1: Water Conservation Campaign

A school organised a campaign to spread awareness about saving water and keeping the environment clean. During the campaign, 5 out of every 7 students from Class IX and 2 out of every 9 students from Class X participated in different activities.

Based on the above information, answer the following questions:

1. Write any three rational numbers between 5 and 7.
2. Insert one rational number between:
   5/7 and 9/5
3. Convert the rational number 7/8 into decimal form.
4. State whether the decimal expansion of 13/25 is terminating or non-terminating.

Case Study 2: Tree Plantation Drive

Students of a school participated in a tree plantation drive. Out of every 10 students, 7 students planted neem trees and 3 students planted mango trees in the school campus.

Based on the above information, answer the following questions:

- Write two rational numbers between 2 and 3.
- Insert one rational number between: 3/5and 4/5
- Express (0.625) in the form p/q, where q is not equal to zero.
- Find whether 11/40 has a terminating decimal expansion or not.

Do case study based question no. 1 to 3 of page no. 8.57 from the book Elements of maths.

Task 3

Activity: (Do in Mathematics file)

1. To construct a square root by spiral method.

2. To find quadrants and coordinates by using mirror image of given geometrical figure with respect to the x-axis and y -axis.

Instruction Note: Students have to prepare a combined Art Integration Project by merging Mathematics and SST on the topic Biodiversity of Manipur. The project should begin with the SST section and end with the Mathematics section. Students must ensure that both subjects are integrated properly in a creative and well-organized manner.