

# CLASS VI HOLIDAY HOMEWORK

## SCIENCE HOLIDAY HW

1. Write exercise questions and answers of lessons.

A) living organisms and their surroundings  
and characteristics.

b) Motion and measurements of distances in HW book. 1 time

2) write key words of these lessons 5 times in HW book.

3) Draw 5 different shapes curved lines and write its measurement.

4) Paste or draw 3 pictures each showing 3 types of motion

Rectilinear motion

Circular motion

Periodic motion.

## ENGLISH HOLIDAY HOMEWORK

1. Read a story book or a novel. Write a book review of the book read.

2. Write a poem or a short paragraph appreciating nature.

3. Maintain a Vocabulary diary. Learn three new words everyday. Record its meaning and form a sentence using the new word in your Vocabulary diary.

## MATHS HOLIDAY HOMEWORK

1. Write a note on any mathematician and his contributions.

2. Learn and write squares and cubes of numbers till 20

3. Make 5 paper cuttings/ rangoli/painting which follow symmetry.

4. Write any 5 real life situations where decimals are seen/used.

## WORK EXPERIENCE HOLIDAY HOMEWORK

Make a chart on safety rules while working on an electrical system. Draw pictures for it.

೧)೨೫ ಶಬ್ದ(25 words) ವಿರುದ್ಧ ಪದಗಳನ್ನು ಬರೆಯಿರಿ.(೧ಸಲ)

೨)೨೫ ಶಬ್ದಗಳು (25)ವಚನಗಳು ಬದಲಿಸಿ ಬರೆಯಿರಿ.(೧ಸಲ)

೩)ಸಂಕ್ರಾಂತಿ ಹಬ್ಬದ ಚಿತ್ರ ಅಂಟಿಸಿ,ಅದೇ ಹಬ್ಬದ ಆಚರಣೆಯ ಬಗ್ಗೆ ೧೦(10 sentence) ವಾಕ್ಯಗಳನ್ನು ಬರೆಯಿರಿ.

೪)ಜನೇವರಿ ೨೬ ಗಣರಾಜ್ಯೋತ್ಸವದ ಆಚರಣೆಯ(Republic day)ಬಗ್ಗೆ ಸಂಕ್ಷಿಪ್ತ ವಿವರಣೆ ಬರೆಯಿರಿ.(೨ಪುಟ)

ಇದೆಲ್ಲವನ್ನು A4 ಶೀಟ್(A4 sheet)ಲ್ಲಿ ಬರೆಯಬೇಕು.

### ವಿಷಯ: - ಸಂಸ್ಕೃತಮ್ ಶೀತಕಾಲೀನ ಅವಕಾಶಾರ್ಥೆ ಕಾರ್ಯಮ್

1.एकतः दश पर्यन्तं त्रिषुलिङ्गेषु संस्कृत संख्या लिखत ।

( एक से लेकर दस तक की संस्कृत संख्या तीनों लिंगों में लिखिए )

2.अकारान्त नपुंसक लिंग शब्द पुष्पस्य शब्दरूपाणि लिखत।

(अकारान्त नपुंसक लिंग शब्द “पुष्प” के शब्द रूप लिखिए ( पृष्ठ -90)

3. स्था (तिष्ठ) धातोः धातुरूपाणि चतुर्लकारेषु लिखत।

(स्था"(तिष्ठ) धातु के चारों लकारों में धातु रूप लिखिए) ( पृष्ठ -94-95)

4.दश पृष्ठानि सुलेखरूपेण लिखन्तु । (10 पेज सुलेख के रूप में लिखें)

5.द्वितीय आवधिकपरीक्षायाः कृते अध्यायः ८ तः अध्यायः १० यावत् कण्ठस्थं कुर्वन्तु।

अष्टमः पाठः - सूक्तिस्तबकः

नवमः पाठः - क्रीडास्पर्धा

दशमः पाठः - कृषिकाः कर्मवीराः इति।

6<sup>th</sup> A/BHoliday Homework

( हिन्दी )

- 1- संज्ञा के दस उदाहरण लिखिए ।
- 2- सर्वनाम के दस उदाहरण लिखिए ।
- 3- विज्ञापन के दस उदाहरण लिखिए ।
- 4- आपने नाम के पहले अक्षर को लेकर दस सार्थक शब्द बनाएँ ।
- 5- सुझाव लिखिए :-  
 1- जो देखकर भी नहीं  
 दूरवत  
 2- लोकगीत

## CLASS VII WINTER BREAK HOLIDAY HOMEWORK

ವಿಷಯ:-ಕನ್ನಡ

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ಇದಲ್ಲವನ್ನು A4 ಶೀಟ್(A4 sheet)ಲ್ಲಿ ಬರೆಯಬೇಕು.

### **WINTER BREAK ASSIGNMENT SOCIAL SCIENCE.**

1. Make a chart of out line map of India and locate the states along with capitals and neighboring countries
2. Draw a neat diagram of an atmosphere layers and write about them in A4 size papers

### **ENGLISH HOLIDAY HOMEWORK**

1. Write a letter to your friend describing how you spent your winter break. Write the letter on an inland letter or in a postal envelope.
2. Read a story book or a novel. Write a book review of the book read.
3. Write an article (poem or an essay) on any topic of your choice.
4. Maintain a Vocabulary diary. Learn 3 new words everyday. Record it's meaning and form a sentence using the new word in your Vocabulary diary.

### **MATHS HOMEWORK**

1. Make a project containing artforms showing lines of symmetry (rangoli/Inka blot painting)
2. Chart on symmetrical figures with lines of symmetry drawn on it.
3. How many lines of symmetry can be drawn for an equilateral triangle, square, pentagon, regular hexagon. draw the figures as well.
4. Write 5 real life examples for symmetry.
5. identify the alphabets that follow symmetry
6. Rotational symmetry of square, rectangle, triangle to be written.

## WORK EXPERIENCE HOLIDAY HOMEWORK

Make a chart on safety rules while working on an electrical system. Draw pictures for it.

### विषय: - संस्कृतम् शीतकालीन अवकाशार्थे कार्यम्

1. विद्याविषयाधारितं श्लोकत्रयं संकलित्वा अर्थसहितं स्वअभ्यास पुस्तिकायां लिखत ।  
(विद्या विषय पर आधारित कोई तीन संस्कृत श्लोक संकलित करके अर्थ सहित अपनी अभ्यास पुस्तिका में लिखिए )
  2. इकारान्त स्त्रीलिंग शब्द मति इतस्याः शब्दरूपाणि लिखत ।  
( इकारान्त स्त्रीलिंग शब्द “मति” के शब्द रूप लिखिए ) पृष्ठ-94
  3. 'कृ'धातोः धातुरूपाणि पञ्चलकारेषु लिखत ।  
( 'कृ' धातु के पांचों लकारों में रूप लिखिए ) (पृष्ठ-98-99)
  4. संस्कृतस्य दशप्रसिद्धपुस्तकानां नामानि लिखित्वा तेषां लेखकानां नामानि अपि लिखत ।  
(संस्कृत की कोई दस प्रसिद्ध पुस्तकों के नाम लिखकर उनके लेखकों के नाम भी लिखिए )
- आवधिकपरीक्षायाः कृते ८ तः १० पर्यन्तं पाठं कण्ठस्थं कुर्वन्तु।
- अष्टमः पाठः - अहम् अपि विद्यालयं गमिष्यामि
- नवमः पाठः - विश्वबन्धुत्वम्
- दशमः पाठः - समवायो हि दुर्जयः इति।

## 7th A/B

- 1- संज्ञा के भेद और उनके दस उदाहरण लिखिए।
- 2- सर्वनाम के भेद और उनके दस उदाहरण लिखिए।
- 3- विशेषण के भेद और उनके दस उदाहरण लिखिए।
- 4- क्रिया के भेद और उनके दस उदाहरण लिखिए।
- 5- उपसर्ग लगाकर दस शब्द बनायें।
- 6- प्रत्यय लगाकर दस शब्द बनायें।
- 7- सुन्दर लिखिए - नीलकंठ पाठ का।

## CLASS – VIII WINTER BREAK HOLIDAY HOMEWORK

### WINTER BREAK ASSIGNMENT SOCIAL SCIENCE.

1 Make a project on powers and functions of the president and prime minister in A4 size papers.

2 Prepare an assignment on any two industries of your locality along with pictures.

Or.

Make a chart on FUNDAMENTAL RIGHTS paste it on the cardboard

### WORK EXPERIENCE HOLIDAY HOMEWORK

Make a chart on electrical tools. Draw pictures or paste pictures of each tool

### ವಿಷಯ:-ಕನ್ನಡ

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೪)ಜನೇವರಿ ೨೬ ಗಣರಾಜ್ಯೋತ್ಸವದ ಆಚರಣೆಯ(Republic day)ಬಗ್ಗೆ ಸಂಕ್ಷಿಪ್ತ ವಿವರಣೆ ಬರೆಯಿರಿ.(೨ಪುಟ)

ಇದೆಲ್ಲವನ್ನು ಿ A4 ಶೀಟ್(A4 sheet)ಲ್ಲಿ ಬರೆಯಬೇಕು.

**विषय: - संस्कृतम् शीतकालीन अवकाशार्थे कार्यम्**

1. खाद् धातोः धातुरूपाणि पञ्चलकारेषु लिखत -  
(‘खाद्’ धातु के पांचों लकारों में रूप लिखो) (पृष्ठ-128-129)
2. ऋकारान्त स्त्रीलिंग शब्द ‘मातृ’ इतस्याः शब्दरूपाणि लिखत-  
(ऋकारान्त स्त्रीलिंग ‘मातृ’ शब्द के शब्दरूप लिखो) (पृष्ठ--127)
3. एकपञ्चाशततः शतम् पर्यन्तं संस्कृत संख्या लिखत-  
(51 से 100 तक की संख्या को संस्कृत में लिखो) (पृष्ठ-131-132)
4. आर्यभट्टस्य विषये दश संस्कृतसरलवाक्यानि लिखत -  
(आर्यभट्ट के बारे में दस सरल संस्कृत वाक्य लिखो)
5. द्वितीय आवधिक परीक्षा हेतु ८ तः १० पर्यन्तं पाठं कण्ठस्थं कुर्वन्तु।  
अष्टमः पाठः - संसारसागरस्य नायकाः  
नवमः पाठः - सप्तभगिन्यः  
दशमः पाठः - नीतिनवनीतम् इति।



Algebraic Expressions and Identities

Que → 1 Add  $p(p-q)$ ,  $q(q-r)$  and  $r(r-p)$

Que → 2 Add  $x^2(y^2-z^2)$ ,  $y^2(x^2+z^2)$ ,  $3y^2$

Que → 3 Subtract  $5l(l+3m-4n)$  from  $3l(2l+m-3n)$

Q → 4 Subtract  $3a(a+2b+c) - 2b(a+b+c)$  from  $4c(a+b+c)$

Q → 5 Find the product  $(\frac{2}{3}xy) \times (-\frac{4}{3}x^3yz)$

Q → 6 Find the product  $x \times x^2 \times x^3 \times x^4 \times x^5$

Q → 7 Simplify  $a(a^2-2a+2) + 5$  and find its value for  
(i)  $a=0$  (ii)  $a=1$  (iii)  $a=-1$

## Mensuration

Q → 1 Find the area of rhombus if its diagonals are 5 cm & 9.5 cm.

Q → 2 The area of a trapezium shaped field is  $600 \text{ m}^2$ , the distance between two parallel sides is 12 m and one of the parallel side is 20 m. Find the other parallel side.

Q → 3 The internal measures of a cuboidal room are 15 m x 10 m x 6 m. Find the total cost of whitewashing all four walls of a room, if the cost of white washing is ₹ 10 per  $\text{m}^2$ . What will be the cost of white washing if the ceiling of the room is also whitewashed.

Q → 4

In a building there are 30 cylindrical pillars. The radius of each pillar is 36 cm and height is 6 m. Find the total cost of painting the curved surface area of all pillars at the rate of ₹ 8 per  $m^2$ .

Q → 5

Find the height of a cylinder whose radius is 10 cm and the total surface area is  $1936 \text{ cm}^2$ .

Q → 6

A cuboid is of dimensions  $80 \times 60 \times 40 \text{ cm}$ . How many small cubes with side 4 cm can be placed in the given cuboid?

Q → 7

A milk tank is in the form of a cylinder whose radius is 3.5 m and length is 14 m. Find the quantity of milk in litres that can be stored in the tank?



## Exponents and powers

Q → 1 Express the following numbers in standard form

(i) 63500000

(ii) 0.00000831

(iii) 0.000642

Q → 2 Express the following numbers in usual form →

(i)  $3.524 \times 10^7$

(ii)  $6.39 \times 10^{-3}$

(iii)  $6 \times 10^{-6}$

Q → 3 Find 'm' so that  $(-3)^{m+4} \times (-3)^{-5} = (-3)^9$

## Direct and Inverse proportions

The cost of 5 metres of a particular quality of cloth is ₹ 250. Tabulate the cost of 2, 3, 8, 12 metres of cloth of the same type.

There are 100 students in a hostel. Food provision for them is for 40 days. How long will these provisions last, if 60 more students join the group?

Make a chart on types of graph.

Make a project on mensuration by using shape of cube, cuboid & cylinder.

## 8th A/B

- 1- संज्ञा के भेद और प्रत्येक के पाँच उदाहरण लिखिए।
- 2- सर्वनाम के भेद और उनके पाँच उदाहरण लिखिए।
- 3- विशेषण के भेद और उनके पाँच उदाहरण लिखिए।
- 4- क्रिया विशेषण के भेद और उनके पाँच उदाहरण लिखिए।
- 5- क्रिया के भेद और उसके दस उदाहरण लिखिए।
- 6- संधि के भेद और उनके पाँच उदाहरण लिखिए।
- 7- निबंध -
  - 1- क्रिसमस  $\frac{1}{5}$
  - 2- परमावरण
  - 3- विश्व हिन्दी दिवस
  - 4- मकर संक्रान्ति
- 8- दृष्टी के लिए प्रार्थना पत्र लिखिए।
- 9- सुखरेख लिखिए -
  - 1- पानी की कहानी
  - 2- झकझरी खेत

# CLASS IX HOLIDAY HOMEWORK

## SCIENCE HOLIDAY HOMEWORK

1. Practice exercise questions of lessons Gravitation Structure of atoms and molecules. In science notebook.
2. Solve 5 question papers in long sheet.

**PM SHRI K V VIJAYAPURA**

**Class-IX Subject -AI 2023-24**

**Winter Holiday HW**

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**Q1) Write the full forms of the following:**

- a) AI
- b) NLP
- c) NLU
- d) 4W
- e) SDG
- f) IoT
- g) CPU
- h) ALU
- i) HTTPS
- j) WWW
- k) HTML
- l) SIM
- m) e-mail
- n) GPS
- o) ML
- p) DL

VI) Any two SDGs problem faced by the people on earth

VII) Types of Communication

VIII) Big Data

IX) Smart City

X) Sources of Data acquisition

XI) Four qualities of Entrepreneur

XII) Four roles of Entrepreneur

XIII) Four ways to cope up with stress

XIV) Six ways which you can adopt for increasing green and decreasing pollution

**Q2) Explain in brief**

- I) 7C's of communication
- II) 4W Canvas
- III) Machines without AI
- IV) AI
- V) AI Applications

**Q3) Explain in details:**

- a) Difference between AI and ML and DL
- b) AI Project cycle all the steps
- c) Barriers of Communication
- d) Domains of AI in details with applications of each domain
- e) SDG mission statement, when and where adopted? Names of 17 SDGs.



## Winter Vacation Holiday Homework Class 9

### Story Writing

1. Write a short story in 100 – 150 words, with the help of the cues given below. Give a suitable title to the story.

Satish was standing on the balcony watching the last rays of the Sun. Loud and angry voices in the street below distracted his attention. He ran down the stairs to see what had happened ... ..

2. Complete the story in 100-150 words which begins as the following : There was a joint family of six members including grandparents. It was the 75th birthday of the grandmother and the family planned to celebrate ... ..

### 3. MCB(Main Course Book)

#### UNIT 6- CHILDREN

C1- Complete the survey about yourself.

#### UNIT 7 - SPORTS AND GAMES

A 2-Complete the Biosketch

### 4. LETTER WRITING

1) You were a part of an organising committee for an inter-school event which was very successful. You and the other committee members were congratulated and praised at the school assembly by the Principal. Write a letter to your grandmother telling her about the event and your feelings at being recognised and praised in front of the school.

2) Imagine yourself as Gaurav Mallya. Your room-mate Tejas' right hand is plastered as it got fractured while playing badminton in the school. Write a letter to his father informing him about the accident and also asking him not to worry.

3) You are studying in class IX and you stay in a hostel. Your Mathematics teacher suggests some good books for the better preparation for board exams. Write a letter to your father asking him for the money to buy the ' books



## **SST HOME WORK CLASS IX WINTER BREAK**

1. All students will complete their SST work.
2. Revise the syllabus of PT 3.
3. Solve sample paper in your notebook and learn them properly.
4. Prepare 10 MCQs from each chapter.
5. MAP Work Practice
  - Climate
  - Natural Vegetation
6. Prepare and practice the Map Work properly as per NCERT syllabus.
7. Prepare a Comprehensive Report on Disaster Management. Analyse TWO recent natural calamities that transpired in India within the last two years. Explore and discuss the Strategies and initiatives undertaken by India to safeguard lives during these incidents.