

# केंद्रीय विद्यालय ओट्टपालम

अवकाश गृहकार्य (ग्रीष्मावकाश)

विषय - हिन्दी

## कक्षा- नवीं

### I. पत्र लेखन

1. थानाध्यक्ष को अपनी साईकिल चोरी होने की सूचना देते हुए पत्र लिखिए ।
2. अखिल भारतीय वाद-विवाद प्रतियोगिता में प्रथम पुरस्कार विजेता मित्र को एक बधाई पत्र लिखिए।

### II. निम्न विषयों पर एक-एक निबंध लिखिए -

मेरे जीवन का लक्ष्य ,समाचार पत्र: ज्ञान का सशक्त साधन, समय का सदुपयोग

### III. सृजनात्मक कार्य- ( किन्हीं एक )

यात्रा वर्णन / कहानी या कविता रचना

## ENGLISH

1. Write a book review of any one of the interesting books that you read during your summer vacation.
2. Write an article on 'protection of forests' using the hints;- forest, a source of natural beauty, habitat of various species, provide food for medicine, furniture, paper, rain, oxygen etc. importance of Chipko movement, afforestation.
3. Think about a past experience or incident that changed the entire course of your life. Write a diary entry describing the same.
4. 'Children and mobile phone' a boon or a bane. Prepare a debate.
5. List out with examples the changes that come for pronouns, pointer words and tense forms in reported speech.

## SCIENCE

Draw neat labeled diagrams of plant cell and animal cell. List the differences between them in neat tabulated form.

## MATHS

1. Write each Algebraic identities 10 times
2. Using these identities Factorise given expressions.

I

i)  $x^2 + 10x + 25$

ii)  $y^2 + 14y + 49$

vi)  $x^2 - 4x + 4$

vii)  $x^2 - 2xy + y^2$

$$\text{iii) } 19a^2 + 8a + 1$$

$$\text{iv) } 4x^2 + 20y + 25y^2$$

$$\text{v) } 4p^2 + 12pq + 9q^2$$

$$\text{viii) } 4a^2 - 20ab + 25b^2$$

$$\text{ix) } 49y^2 - 14y + 1$$

$$\text{x) } 9x^2 - 24xy + 16y^2$$

$$\text{II) i) } x^2 - 9$$

$$\text{ii) } p^4 - 81$$

$$\text{iii) } 9y^2 - 25z^2$$

$$\text{iv) } 49a^2 - 64b^2$$

$$\text{v) } 81x^2 - 49y^2$$

$$\text{III) i) } q^2 + 7q + 22$$

$$\text{ii) } y^2 - 10y + 21$$

$$\text{iii) } x^2 + 6x - 16$$

$$\text{iv) } x^2 - 6x - 16$$

$$\text{v) } q^2 - 7q + 12$$

## **SOCIAL SCIENCE**

### **MAPWORK.**

1. India : Extents and Standard Meridian (chapter 1 India -size and location)
2. India on International Highway of Trade and Commerce-(chapter 1 India -size and location  
-sea routes and air routes)
3. India : Adjacent countries(chapter 1 India -size and location)