



# PM SHRI KENDRIYA VIDYALAYA THIRUVANNAMALAI

## AUTUMN BREAK HOLIDAY HOME WORK CLASS III TO XI 2023-2024

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प्राचाया

**CLASS 3**

**ENGLISH**

1. Write 10 new words with meanings.
2. Draw your favourite animal and write 5 sentences about it.

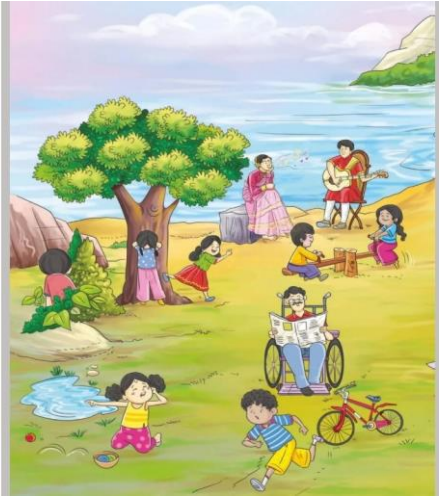
NOTE: Do the home work in A4 sheet

**हिन्दी**

1. उचित मात्रा लगाकर अर्थपूर्ण शब्द लिखिए :

- |           |            |
|-----------|------------|
| 1. दकान   | 9. जवब     |
| 2. कपड़   | 10. दस्त   |
| 3. सनकर   | 11. मलाकात |
| 4. परशान  | 12. बज़ार  |
| 5. टकड़ा  | 13. पदल    |
| 6. थली    | 14. गहूँ   |
| 7. थडा    | 15. चटकी   |
| 8. साइकिल |            |

2. नीचे दिए गए चित्र को ध्यान से देखकर और संकेतों के आधार पर पाँच वाक्य लिखिए ।  
[ पढ़ना , खेलना , गाना , बैठना , दौड़ना ]



NOTE: Do the home work in A4 sheet

**MATHS**

1. Write multiplication tables: 2 to 10.
2. Paste the picture of rupees 10, 20, 50, 100, 200.

[Note: Do the assignments in A4 sheets].

**EVS**

1. Make Poster – Say No to Junk Foods
2. Paste the picture of 5 festivals and write 2 lines about each festival.

[Note: Do the assignments in A4 sheets].

**CLASS 4**

**ENGLISH**

- \* Write one-page cursive handwriting daily.
- \* Write 10 examples of homophones.
- \* Make a pair of words, one a describing word and one a naming word.
- \* Make a crown with feathers.

**HINDI**

- \* Write one-page handwriting.
- \* Draw or paste picture of Mahatma Gandhi and write 10 lines about Gandhi ji.

**MATHS**

- \* Observe round objects in your surrounding and draw it.
- \* Draw different shapes and make a line which divides shapes into equal half.

**EVS**

- \* Draw a flowchart for steps in cultivation of crops.
- \* Bird watch- Watch different birds and draw their beaks.

**CLASS 5**

**ENGLISH**

1. Write one-page cursive handwriting every day.
2. Write and learn five verbs and it's present, past and past participle form every day.  
EX: go – went - gone
3. Collect the picture of five bravery awarded children in 2023 and write their contribution below their pictures.
4. Read English newspaper and stories daily.

**HINDI**

Make a Mini Hindi Picture Dictionary.

The following content should be there in your Mini Dictionary.

\*Paste picture

- Write the name in --
- Hindi ---- English-----Tamil language

Example: लड़का \_ Boy \_ சிறுவன்

- Write one page Hindi Handwriting daily with date (20/10/23 to 29/10/23)

**MATHS**

- 1) Make a model of sweet box with a chart paper.
- 2) Draw your favourite picture on a 1cm grid and 2 cm grid by using a graph paper.
- 3) Measure the length and width of a 500 rupees note and 200 rupees note.

**EVS**

1. Mark the following states, where we get oil fields. [ political map]  
A - Bombay high  
B – Digboi (Assam)  
C – Mangala (Rajasthan)
2. Paste the pictures of renewable and non-renewable sources of energy (3 from each)

**CLASS 6**

**ENGLISH**

1. If you met a genie that could give you any talent in the world, what would you ask for - and why?
2. Illustrate your school and write a paragraph about it.
3. Write 50 double letter words. For example- fell, breeze, tree, ...

**विषय : हिंदी**

कक्षा: छठवीं

I निम्नलिखित अंकों को शब्द में लिखिए (Write Numbers in Hindi words):-

क) 67 ख) 57 ग) 84 घ) 89 ङ) 73 च) 41 छ) 77 ज) 81 झ) 27 ञ) 91

II निम्नलिखित शब्दों के विलोम शब्द लिखिए (opposite words)

क) कुशल ख) जीवन ग) आसान घ) अमीर ङ) मानव च) मोटा छ) रक्षक ज) लिखित झ) देशी ञ) आदर

III कोई पांच फल बनाएं और उनके नाम हिंदी में लिखें

**SANSKRIT:**

**पञ्चमः पाठः वक्ष्यः श्लोकाः Page number:30**

**MATHS**

1. Draw 5 polygons and shade their interiors
2. Draw 5 closed curves which are not polygons and shade their interiors.

**SCIENCE**

1. What is air?
2. What are the components mixed in air? explain
3. Make a simple firkin

**SOCIAL SCIENCE**

1. What are the three levels of government, their selection process and their functions?  
Make a flowchart representing the hierarchy level of government.
2. Write 30 words which correlates with the government. Eg: Tax, constitution, assembly, speaker.....

**CLASS 7**

**विषय : हिंदी**

- 1) आपके द्वारा पाले गए किसी पालतू प्राणी के बारे में जानकारी लिखित और यह भी बताइए कि आप उसकी देख रेख कैसे करते हैं ?

**SUBJECT: SCIENCE**

- 1) Draw a modern periodic table.
- 2) Write a name of any 30 elements.

**SUBJECT: SOCIAL SCIENCE**

1. Draw and describe the different types of tides.

**SUBJECT: MATHEMATICS**

1. Write down the formula for area and perimeter of Circle, Square, Rectangle, Rhombus and Trapezium with diagrams
2. Measure the length and breadth of your textbook, TV using scale

**SUBJECT: SANSKRIT**

- I. सदाचारः चतुर्थः पाठ लोकाः लखत
  - II. Page: 32, 33 अ यासः 2 & 6 Roman.
- 

**ENGLISH**

**Present Continuous Tense Worksheet**

Q. Fill in the blanks with the Present Continuous form of the verb :

1. She is \_\_\_\_\_ (dance) on the stage.
  2. Kate is \_\_\_\_\_ (drink) water.
  3. I suddenly realized I am \_\_\_\_\_ (dream).
  4. She is \_\_\_\_\_ (think) about the book.
  5. He is \_\_\_\_\_ (hop) like a rabbit.
  6. He is \_\_\_\_\_ (jump) over the wall.
  7. I am \_\_\_\_\_ (listen) to my favorite song.
  8. Ann is \_\_\_\_\_ (look) at her pet.
  9. The player is \_\_\_\_\_ (run) with the ball.
  10. She is \_\_\_\_\_ (sing) on the chorus.
-

1. Your school is hosting an Inter-School Music Competition. Write a notice to be put up on your school notice board informing students about the event and inviting them to participate in the competition.

2. You are the Head Boy / Head girl of your school. You and your team are planning to organize a programme to celebrate children's day in your school. Write a notice to the students of Std. VI to X to enroll their name with their class teachers for various events.

#### Present Continuous Tense

Fill in each blank with the present continuous tense form of the verb given.

Example:

Siti is reading (read) the book at the library

1. My brother \_\_\_\_\_ (repair) his toy car instead of throwing it away.
2. Keery and Halim \_\_\_\_\_ (pick) up litter on the beach.
3. I \_\_\_\_\_ (sell) the old newspapers to get money for my project.
4. My brother \_\_\_\_\_ (throw) the cardboard boxes into the blue bin.
5. Mr. Chan \_\_\_\_\_ (tell) the pupils how to save energy at home.
6. The boys \_\_\_\_\_ (listen) to a talk on how to save energy at home.
7. Raju and I \_\_\_\_\_ (surf) the Internet to find out more about air pollution.
8. I \_\_\_\_\_ (print) my essay on ways to prevent land pollution tonight.



**CLASS 8**

**ENGLISH**

Vocabulary enrichment is the most essential part of language learning which helps us in giving creativity to our expressions. Here is a small exercise to enrich you with words we require in our day to day life.

Make a list of thirty words which we can use instead of \_ very for ex- “very slow – sluggish”, “very sorry – apologetic”. Present your work neatly on an A4 sheet.

**HINDI**

शरदकालीन अवकाशीय गृहकार्य

1)10 मुहावरे लिखकर: वाक्य बनाइए।

विपत्ति के समय सच्चे मित्र की पहचान

होती है?

कृष्ण और सुदामा की मित्रता के बारे में आपने पढ़ा। आपका सच्चा और अच्छा मित्र कौन है? उसका आपके जीवन में क्या महत्व है।

इस पर 120 शब्दों में अपने विचार लिखें सच्चे मित्र से संबंधित साखियाँ लिखें।

Sanskrit.

I.तृतीय पाठ:‘डिजिभारतम्’ 1st paragraph

**MATHS**

1.Create 10 objective questions on your own in the chapter Algebraic expressions and identities.

2. Complete try these sums in the chapter Algebraic expressions and identities.

**SCIENCE**

Complete Exercises Questions of Ch-2 in copy.

2. Learn and revise Ch-1 and 2 Notes properly and prepare 20 questions answer from each chapter in copy.

3. Make a mind map of “AGRICULTURAL PRACTICES”

4. Describe different Harvest Festival of India.

**SOCIAL SCIENCE**

Write brief note on causes, failure, result and impacts of Great Revolt 1857

**CLASS 9**

**ENGLISH**

1. Make a collage on an A4 sheet or chart paper, use powerful visuals, photographs cut out from newspapers or magazines and sayings / slogans on the following socially relevant themes.

I) Save the earth

II) Protect endangered species

**Hindi**

1)परियोजना कार्य-प्रेमचंद के व्यक्तित्व तथा कृतित्व पर प्रकाश डालते सचित्र परिचय दीजिए।

2) समनुदेशन कार्य-अपने विद्यालय के पुस्तकालयाध्यक्ष को अपनी पसंदीदा पुस्तक मंगाने हेतु एक पत्र लिखिए ।

3) अभ्यास कार्य- वाक्य के भेदों में से प्रत्येक भेद के पाँच-पाँच उदाहरण दीजिए ।

**MATHS**

1. Create 10 Sum under Linear equations in one

Variable and solve it.

2. Write Down the properties of Quadrilaterals, Square Rectangle as a concept map

3. White down the formula

Area and volume a cube, cubed, Cylinder, sphere and cake [Roger your textbook]

**SCIENCE**

**PHYSICS**

1. Name the SI units of measuring temperature. The boiling point of water is 100 degree

Celsius under atmospheric pressure convert this temperature in SI units.

2. Detailed explain the Newton first law second law and third law

3. Describe the uniform circular motion.

**CHEMISTRY**

1. Right correct electronic configuration of elements 1 to 30...

2. Write differentiate between mixture and compounds

3. Compare the tabular form the properties of solid liquids and gass with respect to

I. shapes

II. Volume

III. Compressibility

### **BIOLOGY**

Q 1

- a) What is endoplasmic reticulum?
- b) Describe its structure.
- c) Name the two types of endoplasmic reticulum.
- d) What is membrane biogenesis?

2. Flow chart plant and animal tissue system

### **SOCIAL SCIENCE**

Write a note on physical features of India.

**CLASS XI**

**ENGLISH**

Note making

Read the following passage and answer the questions that follow: (8 Marks)

1. The tests of life are its plus factors. Overcoming illness and suffering is a plus factor for it moulds character. Steel is iron plus fire; soil is rock plus heat. So let's include the plus factor in our lives. 2. Sometimes the plus factor is more readily seen by the simple hearted. Myers tells the story of a mother who brought into her home - as a companion to her own son a little boy who happened to have a hunch back. She had warned her son to be careful, not to refer to his disability. The boys were playing and after a few minutes she overheard her son say to his companion " Do you know what you have got on your back?" The little boy was embarrassed, but before he could reply, his playmate continued " It is the box in which your wings are, and some day God is going to cut it open and then you will fly away and be an angel." 3. Often it takes a third eye or a change in focus, to see the plus factor. Walking along the corridors of a hospital recently where patients were struggling with fear of pain and tests, I was perturbed. What gave me a fresh perspective were the sayings put up everywhere, intended to uplift. One saying made me conscious of the beauty of the universe in the midst of pain, suffering and struggle. The other saying assured me that God was with me when I was in deep water and that no troubles would overwhelm me.

The import of those sayings also made me aware of the nectar springs that flow into people's lives when they touch rock bottom or are lonely or guilt ridden. The nectar springs make recovery possible, and they bring peace and patience in the midst of negative forces. 5. The forces of death and destruction are not so much physical as they are psychic and psychological. When malice, hatred and hard heartedness prevail, they get channeled as forces of destruction. Where openness, peace and good heartedness prevail, the forces of life gush forth to regenerate hope and joy. The life force is triumphant when love overcomes fear. Both fear and love are deep mysteries, but the effect of love is to build, whereas fear tends to destroy. Love is generally the plus factor that helps build character. It creates bonds and its reach is infinite. 6. It is true there is no shortage of destructive elements - forces and people who seek to destroy others and in the process destroy themselves -- but at the same time there are signs of love and life everywhere that are constantly enabling us to overcome setbacks. So let's not look at gloom and doom - let us seek positivity and happiness. For it is when you seek that you will find what is waiting to be discovered

(a) On the basis of your reading of the above passage, make notes on it in points only, using abbreviations, wherever necessary. Also suggest a suitable title. (5 Marks)

(b) Write a summary of the passage in not more than 80 words, using the notes you have made.

Read the passage given below and answer the questions that follow: (8 Marks) 1. Getting enough sleep is as important as taking time out to relax. A good night's sleep is essential for preserving the health of your brain and gives you the best chance to meet the coming day with a razor sharp mind. An average person needs about six to eight hour sleep a night — although it is also true that you need slightly less than this, as you grow older-another advantage of aging stress and sleep deprivation often feed on each other, since stress tends to make it harder for you to fall asleep at night and sleep deprivation in itself causes stress. 2. Eventually, too little sleep can dramatically interfere with the performance of your memory — something you obviously want to prevent. If you are not getting enough sleep, try going to bed 30 to 60 minutes earlier than your normal bed time for a few days.

Lie down on the bed and try to relax by dissociating yourself from your daily routine work. This is normally enough to catch up on any sleep deprivation. 3. If, however, you suffer from insomnia you should seek the advice of your doctor. The chances are it is already affecting your ability to remember and recall information — 22 and if you are struggling to improve your memory scores, this could be at the root of your problem. Prolonged periods of insufficient sleep can deplete your immune system, make you more accident prone and even cause depression — this can also reinforce a more negative outlook on life, which can contribute to your stress burden. The good news is that your memory and mood should automatically improve once you improve your sleep patterns. Tackle your sleep issues and everything else should fall into place. 4. Because stress management is so essential to maximize your brain power, if you are not in the habit of setting aside time to relax, make it a priority to do so. Even a minute or two of deep breathing can start to work wonders. Often the best ideas and memories can come to you when you are in a state of relaxation as it is during these moments that your brain stores, processes and plays with the information it has received. 5. Meditation has long been part of religious and spiritual life, especially in Asia. Today, more and more people are adopting it in Western countries also, for its value in developing peace of mind and lowering stress. There is some evidence that regular meditation can have real sleep gain and health benefits particularly in terms of protecting your brain against aging.

2.1 On the basis of your understanding of the above passage, make notes on it using headings and subheadings. Use recognizable abbreviations (wherever necessary — minimum four) and a format you consider suitable. Also supply an appropriate title to it. 5

2.2 Write a summary of the above passage in about 80 words. (3)

#### Classified Advertisement

3.1. You are going abroad. You want to sell your house, built three years ago. Draft an advertisement in not more than 50 words giving all the necessary details of the house and its locality. Contact no. xxxxxxxxxx

3.2 Ajay Arora wishes to let out a portion of his newly built house. Draft an advertisement for publication in "To Let" column of HT, giving all the necessary details.

3.3 Your School is organizing 'Senior Citizen Day' to make people aware about the importance and contribution of the elderly people to society and Nation. Write a speech to be delivered in your morning assembly showing your concern on the issue of Care of our Elders'.

#### Poster

4.1 Your locality has started a Readers' Club for the benefit of the children of the locality. Prepare a suitable poster for display in the colony.

4.2 Draft a poster for the abolition of Child Labour. Invent necessary details in 50 words.

विषय – हिन्दी

शरदकालीन अवकाशीय गृहकार्य

Autumn season Holidays homework.

(उद्देश्य-रचनात्मक अभिव्यक्ति, कलात्मक अभिव्यक्ति, रुचिपूर्ण कार्य, साहित्यिक अभिव्यक्ति, खोज-बीन की प्रवृत्ति, स्वाध्याय की अभिव्यक्ति!)

परियोजना कार्य:

- 1) स्वर साम्राज्ञी लता मंगेशकर जी के व्यक्तित्व पर प्रकाश डालते हुए जीवनवृत्त लिखिए तथा उनके फिल्म जगत में दिये योगदान पर सचित्र प्रकाश डालिए ।
- 1) समनुदेशन कार्य- संतुलित भोजन के महत्व पर प्रकाश डालते फीचर लिखिए । हुए एक
- 2) किसी दैनिक समाचार पत्र के संपादक को सड़क दुर्घटनाओं को रोकने के लिए सुझाव देते हुए एक पत्र लिखिए ।
- 3) 'गलता लोहा' पाठ के आधार पर ग्रामीण बच्चों की शिक्षा के विषय

पर निबंध लिखिए ।

**CLASS – XI  
ASSIGNMENT- 8**

**SUBJECT – MATHEMATICS  
TOPIC–LIMITS AND DERIVATIVES**

Q1. Evaluate the following :-

(i)  $\lim_{x \rightarrow 1} \frac{2}{1-x^2} + \frac{1}{x-1}$

(ii)  $\lim_{x \rightarrow 2} \frac{x^3 - 3x^2 + 4}{x^4 - 8x^2 + 16}$

(iii)  $\lim_{x \rightarrow \sqrt{2}} \frac{x^4 - 4}{x^2 + 3x\sqrt{2} - 8}$

(iv)  $\lim_{x \rightarrow 3} (x^2 - 9) \left( \frac{1}{x+3} + \frac{1}{x-3} \right)$

(v)  $\lim_{x \rightarrow 0} \frac{\sqrt{2+x} - \sqrt{2}}{x}$

(vi)  $\lim_{x \rightarrow 0} \frac{\sqrt{a^2 + x^2} - \sqrt{a^2 - x^2}}{x^2}$

(vii)  $\lim_{x \rightarrow 0} \frac{1 - \cos 2mx}{1 - \cos 2nx}$

(viii)  $\lim_{x \rightarrow 0} \frac{1 - \cos 2x}{x^2}$

(ix)  $\lim_{x \rightarrow 0} \frac{\sin 2x + \sin 3x}{2x + \sin 3x}$

(x)  $\lim_{x \rightarrow 0} \frac{\tan x - \sin x}{\sin^3 x}$

(xi)  $\lim_{x \rightarrow 0} \frac{\sec 4x - \sec 2x}{\sec 3x - \sec x}$

(xii)  $\lim_{x \rightarrow a} \frac{(x+2)^{5/3} - (a+2)^{5/3}}{x-a}$

(xiii)  $\lim_{x \rightarrow 2} \frac{x^5 - 32}{x^2 - 4}$

(xiv)  $\lim_{x \rightarrow 1} \frac{x^{16} - 1}{x^5 - 1}$

(xv)  $\lim_{x \rightarrow 0} \frac{e^{3x} - 1}{x}$

(xvi)  $\lim_{x \rightarrow 0} \frac{e^{ix} - 1}{e^{ix} - 1}$

(xvii)  $\lim_{x \rightarrow 0} \frac{\log(1+5x)}{x}$

(xviii)  $\lim_{x \rightarrow 0} \frac{\log(1+5x)}{\log(1+10x)}$

(xix)  $\lim_{x \rightarrow 3} \frac{e^x - 3}{x - 3}$

(xx)  $\lim_{x \rightarrow 0} \frac{1 - \cos 2x}{\sin x}$

Q2. If  $\lim_{x \rightarrow a} \frac{x^3 - a^3}{x - a} = \lim_{x \rightarrow 1} \frac{x^4 - 1}{x - 1}$ , then find the value of a.

Q3. If  $\lim_{x \rightarrow 2} \frac{x^n - a^n}{x - 2} = 80$  and if n is a +ve integer, find n.

Q4. If  $f(x) = \begin{cases} 5x - 4 & \text{if } x \leq 1 \\ 4x^3 - 3x & \text{if } x > 1 \end{cases}$  Find (i)  $\lim_{x \rightarrow 1} f(x)$  (ii)  $\lim_{x \rightarrow 4} f(x)$  (iii)  $\lim_{x \rightarrow 3} f(x)$  (iv)  $\lim_{x \rightarrow 2} f(x)$

**PHYSICS**

- 1.Uniform circular motion
- 2.Newton First Law Second Law and Third Law of motion
- 3.Friction
- 4.Collision in one dimension
- 5.Keplers law of motion

### **CHEMISTRY**

1. What is hybridization?
2.  $sp^3$ ,  $sp^3d$ ,  $sp^3d^2$  hybridization explain.
3. Explain the molecular formation of  $N_2$ ,  $O_2$  and  $CO$  molecules.....
4. What is periodicity? Explain properties of periodicity
  - i. Ionic Radii
  - ii. ionisation energy
  - iii. Electron Affinity

### **BIOLOGY**

1. Answer the following questions
    - A) what are the taxonomical aids? name them
    - B) what are halophiles
    - C) give the features on the basis of which five Kingdom classification has been based
  - 2) give short notes virus
  - 3 write about the following
    - A) cyanobacteria
    - B) euglenoides
    - C) phycomycetes
  - 4 Give hierarchical classification of house fly, mango and wheat
- Learn and write the 10 botanical name and zoological name of plants and animals found in your locality
5. cell biology structure and functions important cell organelles

### **COMPUTER SCIENCE**

1. Display the terms of a Fibonacci series.
2. Input a number and check if the number is a prime or composite number.
3. Determine whether a number is a perfect number, an Armstrong number or a palindrome
4. Write a program to input the value of  $x$  and  $n$  and print the sum of the following series:  
$$x + x^2 + x^3 + x^4 + \dots + x^n$$
5. Input a string and determine whether it is a palindrome or not; convert the case of characters in a string.
6. Count and display the number of vowels, consonants, uppercase, lowercase characters in string.
7. Compute the greatest common divisor and least common multiple of two integers.
8. Generate the following patterns using nested loop. Pattern
  - A
  - AB
  - ABC
  - ABCD
  - ABCDE



**CLASS XII**

**ENGLISH**

**NOTICE WRITING**

1. Godwin Public School is located in Central Government employee's residential colony, Noida. Cultural Society of the school has decided to organize a fancy dress show on 25th of January in which each participant will wear the dress particular to his/her region. The aim is to show the cultural diversity of India. As Secretary, write a notice in about 50 words inviting the names of those who want to participate.
2. You are Aparna Mehta, Counsellor of Birla Public School, Indore. The school is organizing a special Career Day in collaboration with Scholastics Ltd. for all students of classes X-XII .They can attend it along with their parents. Write a notice to be displayed on the notice board informing students about the same.
3. You are Health Secretary, Students Council, Delhi Public School, Ram Bagh, Varanasi. The Council has decided to start a week-long cleanliness drive around the school from 2 October 20xx. Draft a notice in about 50 words asking the Class XI students to enroll for the drive. 24

LETTERS 1. You are Navtej/Navita, Secretary, Environment Club, Akash Public School, Agra. You, along with a group of students, went on a three-day tour through Corbett national Park. You found how the tourists abuse the available facilities and thus endanger the environment. Write a letter in 120-150 words to the Editor of a National Daily highlighting the situation. Suggest ways through which the environment of the park can be saved.

2. Along with air and water pollution, our cities are also under an attack of noise pollution. Marriage processions, DJs during wedding receptions, loud music from neighbourhood flats, etc, are all sources of noise which is not good for the old, the ailing and students. Write a letter in 120-150 words to the Editor of a local newspaper describing the problem and making a request to the concerned authorities to solve it. You are Karan/Karuna, M 114, Mall road, Delhi

**INVITATIONS AND REPLIES**

You are Dr. Amit Gupta, an eminent educationist. You have been invited to preside over an Inter Zonal Declamation competition by Nalini, the President of English Literary Club of Government Model Sr. Sec. School, Sector-20, Chandigarh. Write a reply accepting the invitation. (CBSE Sample Paper)

2. You are the President, Literary Society of Sunshine International School. Draft an invitation to author, Ms Manjul Bajaj requesting her to conduct a workshop on creative writing in your school. You are Romi/Rohit of Zenith Public School. (CBSE Sample Paper)

3. Your school is planning to organise a talk on the 'Importance of Promoting Art Education' at all levels. You plan to invite The Director, Delhi School of Art, as a Key Note Speaker. As CCA Coordinator of Vidya Mandir Vidyalaya, draft an invite for the same giving all the necessary details. (CBSE Sample Paper)