KENDRIYA VIDYALAYA SIDDIPET

HOLIDAY HOMEWORK (2025-26)

CLASS 10
SUBJECT: ENGLISH

READING, WRITING, GRAMMAR TASKS:

1. Do Reading section, Writing section and Grammar section of last three years Sample Question Papers (2022, 2023, 2024) issued by CBSE of English Language and Literature in your **English Reading, Writing, Grammar Notebook.**

FIRST FLIGHT:

2. Recreate the story 'A Letter to God' in your own words keeping yourself at the place of Lencho. You can take the liberty to mould the story according to you rather copying from the same text. (150 words) (to be done on A4 sheets)

3. What is an autobiography? Study the autobiography of Mr Nelson Mandela and write the prominent features of his autobiography and do write the lesson we can learn from it (100 words). (to be done on A4 sheets)

SUBJECT ENRICHMENT ACTIVITY: [To be done on A4 sheets]

4. Students are guided to prepare written speech for the following topics. (Word limit – 120-150 words)

    I. Importance of sports and games
    II. Generation gap
    III. Pleasures of mountaineering
    IV. Variety is the spice of life
    V. Modern fashion

SUBJECT: MATHS

Note: Do it in Homework (HW) book.

1. Solve the question paper of Monthly Test.
2. Revise and practice the Chapters 1 and 2.
3. Prepare 20 MCQs each from the chapters 1 and 2.
4. Three bells ring at an interval of 4, 7 and 14 minutes. All three bells rang together at 6am, at what time will the three bells ring together next?
5. In a school there are two sections, namely A and B, of class X. There are 30 students in section A and 28 students in section B. Find the minimum number of books required for their class library so that they can be distributed equally among students of section A or section B.
6. Prove that √5 is an irrational number. Hence prove that 2 – 3√5 is an irrational number.
7. National Art convention got registrations from students from all parts of the country, of which 60 are interested in music, 84 are interested in dance and 108 students are interested in handicrafts. For optimum cultural exchange, organizers wish to keep them in minimum number of groups such that each group consists of students interested in the same art form and the number of students in each group is the same. Find the number of students in each group. Find the number of groups in each art form.

   How many rooms are required if each group will be allotted a room?

8. If one of the zeroes of the quadratic polynomial $(k–1) x^2 +kx+1$ is $(–3)$, then find the value of k .
9. If one zero of the polynomial $3x^2 – 8x + 2k +1$ is seven times the other, then find k.
10. Find the zeros of the polynomial $p(x) = 4√3 x^2 + 5x - 2√3$ and verify the relationship between the zeros and its coefficients.

SUBJECT ENRICHMENT ACTIVITY (Do it in Activity file)

Create a real-life scenario that involves linear equations in two variables then convert into equation forms and solve using substitution method

SUBJECT: SCIENCE

- **Reaching the Age of Adolescence**

1. What physical changes occur during adolescence? Describe the role of hormones.
2. How do emotional changes during adolescence impact relationships?
3. Design a poster on mental health during adolescence.

- **Heat**

1. Design an experiment to demonstrate conduction, convection, and radiation.
2. How does heat affect the state of matter? Provide examples.

- **Metals and Non-Metals**

1. Compare the properties of metals and non-metals with examples.
2. Design an info graphic on uses of metals and non-metals.

- **Competency-Based Questions**

1. Critical Thinking: How can adolescents manage stress and anxiety?
2. Creative Thinking: Design a product using recycled metals.
3. Problem-Solving: How would you reduce heat loss in a building?
4. Analytical Thinking: Compare the properties of two metals.

- **Creative Projects**

1. Make a chart on metal and non-metal uses.

Submission Guidelines
- Present answers in a neat and organized manner.
- Use diagrams, flowcharts, and infographics wherever possible.
- Showcase creativity and critical thinking.
- Do all work in homework notebook if special instruction is not given.

SUBJECT: SOCIAL SCIENCE

Note: Do it in Homework (HW) book.

History

1.Research and prepare a project on the rise of nationalism in India during the British colonial period.

2.Write a short biography of a prominent leader of the Indian National Movement (e.g., Mahatma Gandhi, Jawaharlal Nehru).

Geography

1.Map Skills: Practice locating and labeling countries, major cities, and geographical features on a world map.

2.Research and prepare a project on the types, distribution, and conservation of resources (e.g., water, forests, minerals).

Civics

1.Research and prepare a project on how democracy accommodates diversity in India.

2.Analyze a real-life example of how citizens can influence policy-making through participation in the democratic process.

Economics

1.Research and prepare a project on the indicators of development (e.g., literacy rate, life expectancy, per capita income).

2.Write a short essay on the role of money and credit in economic development.

General Instructions

1.Ensure neat handwriting or typing, proper headings, and use of diagrams, charts, and illustrations.

2. Use reliable sources like NCERT textbooks, reference books, or reputable websites.

3.Incorporate creativity in projects, such as charts, diagrams, or models, to make the work more engaging.

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SUMMER HOLIDAYS HOMEWORK (02.05.2025-20.06.2025)

कक्षा – 10 विषय – संस्कृत

1. प्रथम पाठ के सभी श्लोको का अन्वय एवं पद्यांश प्रश्न उत्तर सहित लिखकर अभ्यास कीजिए।

2. तत् शब्द, किम् शब्द, अस्मद् शब्द एवं युष्मद् शब्द के रूपों को लिखकर याद कीजिए।

3. बालक शब्द एवं लता शब्द के रूपों को लिखकर याद कीजिए।

4. लिख् धातु, खाद् धातु एवं गम् धातु के रूपों को लिखकर याद कीजिए।

5. 15 सामान्य हिन्दी वाक्यों का संस्कृत में अनुवाद कीजिए।

6. सेव् धातु आत्मनेपदी केवल लट् लकार में लिखकर याद कीजिए।

7. कारक लिखकर याद कीजिए।

8. अपनी कक्षा का चित्र बनाकर 10 वाक्य संस्कृत में लिखो।

9. समय लेखनम् से सम्बन्धित 20 वाक्य संस्कृत में बनाकर लिखो।

10. दीर्घ सन्धि, गुण सन्धि, वृद्धि सन्धि, यण् सन्धि एवं अयादि सन्धि के 5–5 उदाहरण नियम सहित लिखकर अभ्यास कीजिए।

प्रिय विद्यार्थियों
विद्यालय परिवार की ओर से ग्रीष्मकालीन अवकाश की शुभकामनाएँ।

कार्य समय पर करें। नियमित कार्य करने से कार्य बोझ नहीं बनता।
असुविधा होने की स्थिति में माता–पिता एवं शिक्षकों से संपर्क करें।
घबराएँ नहीं। सहज होकर कार्य करें।

रमेश चन्द बैरवा
प्रशिक्षित स्नातक शिक्षक संस्कृत
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