पीएम-श्री-केन्द्रीय-विद्यालय-चित्तरंजन

ग्रीष्मावकाश-गृहकार्यम्

सत्रम् – २०२५-२६

कक्षा- ७ सप्तमी

विषयः – संस्कृतम्

विषयाध्यापकः – अनीशः मिश्राः

प्रश्न १. निम्नलिखित शब्दों के रूप लिखकर याद करें – एतत् (तीनों लिंगों में), तत् (तीनों लिंगों में), किम् (तीनों लिंगों में), नदी व पितृ।

प्रश्न २. निम्नलिखित धातुओं के रूप पाँच लकारों (लट्, लृट्, लङ्, लोट्, विधिलिङ्) में लिखें – गच्छ्, हस्, कृ , खाद्, पिब्।

प्रश्न ३. अकारान्त नपुंसकलिंग 'पुष्प' शब्द के रूप लिखकर याद करें।

प्रश्न ४. संस्कृत में संख्यावाचि शब्द १ – १०० तक लिखें।

बहु अनुशासनिक परियोजना (MDP)

१-सभी राज्यों के नाम संस्कृत में लिखो।

२- भारत देश के विषय में पांच पंक्तियाँ संस्कृत में लिखो।

३- बालक शब्द के रूप देखकर भारत शब्द के रूप बनाइये।

Class 7 – Social Science (SST) – Summer Vacation Worksheet

I. History: Tracing Changes Through a Thousand Years

1. Define the following terms:

  * Archive
  * Manuscript
  * Cartographer

2. Fill in the blanks:

  _____was the capital of the Mughal Empire.

The term 'Hindustan' was used by _____ in the 13th century.

3. Short Answer:

  What sources do historians use for writing medieval history?

  Why do historians divide history into ancient, medieval, and modern periods?

II. Geography: Environment

1. Define the following:

  Ecosystem

  Natural Environment

   Human-made Environment

2. Answer in one or two sentences:

  Why is the earth called a unique planet?

  How do human beings modify the environment?

3. Activity:

  Prepare a collage using newspaper or magazine cut-outs showing different components of the environment (air, water, land, living things).

III. Civics: On Equality

1. Multiple Choice Question:

  Which article of the Indian Constitution guarantees the right to equality?

a) Article 14
b) Article 21
c) Article 19
d) Article 32

2. Short Answer:

Write one example of inequality from daily life.

IV. Map Work

On a political map of India, locate and label the following:

1. Delhi
2. Kolkata
3. Arabian Sea
4. Himalayas
5. River Ganga

Holiday Homework

Summer vacation

SST (class 7)

1.What are some key Geographical features of India?

2. How does India's geographical Diversity affect our lives?

3. Discuss the different parts of Himalaya region.

4. Give Five examples of Zoo with location.

5. Write few words about desert life peoples.

6.Why is the southern part of India referred to as a peninsular Plateau?

7. Look at the two maps of India, physical as well as political, Given at the end of this book (see your textbook of SST). Identify the place you are At now. Which physical feature of India would you use to Describe its location?

8.Despite having such different regions (mountains, deserts, Plains, coasts), India remains one country. How do you think Our geography has helped unite people?

PM SHRI KENDRIYA VIDYALAYA CHITTARANJAN
SUMMER VACATION HOMEWORK (2025-26)
SUBJECT- MATHEMATICS
CLASS – VII

1. Write table from 2-20 and learn also.

2. Write squares from 11-20 and learn also.

3. Write cubes from 1-10 and learn also.

4. Write the additive inverse of -121.

5. Write six different integers whose sum is 7.

6. Write numbers from 1 to 100 then classify them in even, odd, prime, perfect square and perfect cube.

7. In one state, the number of bicycles sold in the year 2002-2003 was 7,43,000. In the year 2003-2004, the number of bicycles sold was 8,00,100. In which year were more bicycles sold? and how many more?

8. The town newspaper is published every day. One copy has 12 pages. Everyday 11,980 copies are printed. How many total pages are printed everyday?

9. The number of sheets of paper available for making notebooks is 75,000. Each sheet makes 8 pages of a notebook. Each notebook contains 200 pages. How many notebooks can be made from the paper available?

10. A packet of salt weighs 25 kg and a packet of sugar weighs 35 kg. Find the ratio of weight of salt to weight of sugar.

11. Out of 45 students in a class, 20 students are boys and the remaining are girls. Find the ratio of boys to girls and girls to boys.

12. Express 4: 5 in fraction form.

13. Draw five symmetrical objects from your surroundings and draw their line of symmetry.

14. Find LCM and HCF of 80,160 and 40.

15. Find the area of a rectangle if its length and breadth are 250cm and 4 meter.

PM SHRI KENDRIYA VIDYALAYA CHITTARANJAN

HOLIDAY HOMEWORK SUMMER BREAK

CLASS 7 -ENGLISH

(1) Write 2 new words daily. Find out their meanings and make sentences on your own.

(2) STORY WRITING

Complete the story by using the given outlines;

A farmer had five sons ____ were strong and ____ always quarrelled ____ the farmer wanted ____ to stop quarrelling ____ wanted to live in peace ____ words of advice ____ not have much effect ____ called all his sons ____ bundle of sticks ____ break these sticks without separating ____ Each of the tried one by one ____ used their full strength ____ the old man separated the sticks They could break the sticks easily ____ farmer said ____ strong as long as it is tied up ____ will be weak if you are divided.

(3)You have recently visited a hill station during winter vacation. Write your experience to your friend. You are Manu/Manavi

(4)Write the paragraphs on given topics- The Purpose Of Education

And

Visit to historical monument

(5)Do reading practice daily, underline important words and learn spellings.

(6)Complete the MDP project.

Topic: Tourist places and cultures of people of Tamil Nadu

Write about 3-5 places only in 200-300 words

NOTE:all written works to be done in the classwork copies only MDP in file.

CLASS	DETAILS OF HOME WORK
III	Answer the following: 1. What is IPO Cycle (Understanding how a computer operates)? 2. Describe the Types of Computers according to their sizes. 3. Draw the parts of a Computer, label them and describe about them.
IV	Answer the following: 1. What is ABACUS? Make a diagram of it. 2. Describe the Classification of Computers. 3. Describe the parts of a Computer. (Input Devices, Output Devices, Storage Devices) (* Make diagrams wherever required)
V	Describe the Evolution of Computers: (1st Generation Computers to 5th Generation Computers) (* Make diagrams wherever required)
VI	1. Explain the Generations of Computers: (Make a Table and explain them in details.) 2. Describe the Computer Programming languages. 3. Mention about the Applications of Computers. (Any six)
VII	1. Describe the "Types of Computers" (Make diagrams wherever needed) 2. Explain the Data Representation and Number System (Binary, Decimal, Octal & Hexadecimal) (Give some examples of conversion from Decimal to Binary Numbers :)
VIII	1. Explain the following Early Computing Devices: a) ABACUS b) Jacquard Loom c) Analytical Engine d) ENIAC 2. Write a short note about Artificial Intelligence. 3. Multiple Choice Questions (Q. No 1 to Q. No 10 of Chapter: "**Basics of ICT**" – Page 21 of Text Book.
IX	1. Unit 1. Communication Skills • Do the Assertion & reasoning Questions • Do the Competency Based Question 2. Unit 2. Self-Management Skills • Do the Assertion & Reasoning Questions • Do the Competency Based Questions
X	1. Unit 1. Communication Skills • Do the Assertion & reasoning Questions • Do the Competency Based Question 2. Unit 2. Self-Management Skills • Do the Assertion & Reasoning Questions • Do the Competency Based Questions 3. Unit 3. Basic ICT Skills • Knowing About Operating System (Do the Check Points & Assignments)

खंड - ख

प्रश्न 2. i) किन्हीं तीन शब्दों के अर्थ लिखिए :   3 x 1 = 3

क) जगत - संसार

ख) समुद्र - सागर

ग) सहेली - सखी

घ) दिनकर - सूर्य

ड) जाँच - छानबीन

च) तरुवर - वृक्ष

ii) किन्हीं चार मुहावरों का वाक्य में प्रयोग कीजिए :   4 x 1 = 4

क) उड़ती चिड़िया पहचानना - अर्जुन इतना अनुभवी है कि उसे उड़ती चिड़िया पहचानने में देर नहीं लगती।

ख) उन्नीस बीस का अंतर होना - अमर और कौशिक की पहचान कर पाना बहुत कठिन है, क्योंकि दोनों में उन्नीस बीस का ही अंतर है।

ग) आँखे दिखाना - भाई से मैंने सच बातें कह दी, तो वह मुझे आँख दिखाने लगा।

घ) उलटी गंगा बहाना - हमारी पड़ोसन किसी से प्रेम से बात कर ले, तो उलटी गंगा बह जाए।

बनने लगी है,जो आसमान से बातें करती है।

च) ईंट का जबाब पत्थर से देना - भारतीय सैन्य दल अपने दुश्मनों को ईंट का जबाब पत्थर से देगा।

iii) किन्हीं दो अशुद्ध वाक्यों को शुद्ध कीजिए :   2 x 1 = 2

क) उसके पास बहुत पैसा है।

उत्तर : उसके पास बहुत पैसे हैं।

ख) घर पर सब ठीक-ठाक होंगे।

उत्तर : घर में सब ठीक-ठाक होंगे।

ग) शाहरुख ने कहानी सुनाया।

उत्तर : शाहरुख ने कहानी सुनाई।

घ) वहाँ नहीं बैठो।

उत्तर : वहाँ मत बैठो।

iv) किन्हीं दो अशुद्ध शब्दों को शुद्ध कीजिए :   2 x 1 = 2

अशुद्ध	शुद्ध
गुरू	गुरु
गृहणी	गृहिणी
घरोंदा	घरौंदा
इकठ्ठा	इकट्ठा

v) किन्हीं तीन शब्दों के दो-दो पर्यायवाची शब्द लिखिए :   3x1=3

क) कोयल - कोकिला, पिक

ख) जेवर - गहना, अलंकार

ग) हाथ - हस्त, कर

घ) तालाब - सरोवर, जलाशय

ङ) दीन - ग़रीब, दरिद्र

च) हृदय - छाती, वक्ष

vi) किन्हीं तीन शब्दों के विलोम शब्द लिखिए :   3 x 1 = 3

क) विशुद्ध x दूषित

ख) विषम x सम

ग) विद्वान x मूर्ख

घ) सहयोग x असहयोग

ङ) कर्म x निष्कर्म

च) कठिनाई x सरलता

vii) किन्हीं दो वाक्यों रचना के आधार पर भेद लिखो :   2x1 = 2

क) मैं आठवी कक्षा में पढ़ता हूँ। - सरल वाक्य

ख) सुबह हुई और चिड़ियाँ चहचहाने लगी। - संयुक्त वाक्य

ग) यह वही लड़का है जो कल दौड़ में प्रथम आया था। - मिश्रित वाक्य

घ) मैं व्यस्त थी इसलिए समारोह में न आ पाई। - संयुक्त वाक्य

viii) किन्हीं दो वाक्यों में वाच्य का सही भेद चुनिए -   2x1 = 2

क) लड़कियाँ नहीं चलती। - कर्तृवाच्य

ख) बच्चे से सोया नहीं जाता। - भाववाच्य

ग) दादी द्वारा मंदिर जाया जाता है। - कर्मवाच्य

घ) मुझसे खेला नहीं जाता। - कर्तृवाच्य

ix) निम्नलिखित रिक्त स्थानों की पूर्ति कोष्ठक में दिए गए निर्देशानुसार कीजिए :   2 x 1 = 2

1. अजय बहन से बहुत प्यार करता है। (सार्वनामिक विशेषण)

उत्तर : अजय <u>अपनी</u> बहन से बहुत प्यार करता है।

2. समाज में रहते हुए सामाजिक बंधन नहीं त्याग सकते। (रंगीन शब्द का विशेषण दिए गए वाक्य में पहचानिए)

उत्तर : समाज में रहते हुए <u>सामाजिक</u> बंधन नहीं त्याग सकते।

x) निम्नलिखित वाक्यों में विराम - चिह्न लगाकर वाक्य पुन:
लिखिए :   2 x 1 = 2

1. अरे राम कोई तो इसे बचाओ
   अरे राम ! कोई तो इसे बचाओ।

2. मुझे दालचावल पसंद हैं
   मुझे दाल-चावल पसंद हैं।

PM SHRI KV CHITTARANJAN
SUMMER HOLIDAY HOMEWORK (2025-26)
CLASS - VII   SUB: SCIENCE

1. **MULTI DISCIPLINARY PROJECT (MDP)**

   Write about the food eaten by the people of Tamilnadu and compare about nutritional values of those food.

2. Preparation of projects under Science exhibition, INSPIRE MANAK - 2025, ATL Marathon etc.

3. How can natural indicators be prepared? Explain by giving an example.

4. Three liquids are given to you. One is vinegar, another is a baking soda solution, and the third is a sugar solution. Can you identify them only using turmeric paper? Explain.

5. Manya is blindfolded. She is given two unknown solutions to test and determine whether they are acidic or basic. Which indicator should Manya use to test the solutions and why?

6. A liquid sample from the laboratory was tested using various indicators:

Indicator	Red litmus	Blue litmus	Turmeric
Change	No change	Turned red	No change in colour

Based on the tests, identify the acidic or basic nature of the liquid and justify your answer.

AMIT KUMAR PANDEY
PGT PHYSICS