



ARMY PUBLIC SCHOOL RATNUCHAK
SUBJECT ENRICHMENT ACTIVITY
SESSION 2022-23
CLASS I

ENGLISH

Q1: Make a photo frame (using cardboard ,thermocool)decorate it and paste your family picture on it .

Q2: On A4 size sheet write 10 lines about how you spend your holiday with family.

HINDI

1. 'इ' स्वर से पांच चित्र बनाइए तथा उनमें रंग भरिए |
2. 'आमफलों का राजा है' थर्मोकॉल(Thermocol) की सहायता से आम का मॉडल बनाओ और उसपर एक कविता लिखो |



MATHS

Q1: On A-4 size sheet draw a cake and number of candles of your age (eg – 6years) on it .Write your full date of birth at the bottom (24-07-2016) and arrange the digits in increasing order.

Eg – 24-07-2016

2 4 0 6 2 0 1 6

0 1 2 4 6 (smaller to bigger number) (use each digit only once)

Q2: On A4 size sheet draw or paste things showing the following concepts.

- (1) Inside and outside
- (2) Top and bottom

EVS

1. Draw five external organs of human body and write the names of the organs and color it also.
2. Make a beautiful flash card and write five good habits on it. Make the activity colorful and creative.



COMPUTER

Paste the pictures of any two parts of computer and write five points about each on Rs 5 notebook.



ARMY PUBLIC SCHOOL RATNUCHAK
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CLASS II

ENGLISH

Q.1 Cut and paste activity:

Take colourful sheets and make two flowers with 5 petals each and write examples of common nouns and proper nouns on the petals.



(Two different flowers) Paste the flowers on English scrapbook.

Q.2 Make two cloud shaped cut outs, paste stars accordingly on them.

Red star for She-words and Blue star for He-words. Choose the words given below for your stars.(Note: One cloud filled with She-word stars and the other cloud filled with He-word stars.)

Policewoman	rat	mare	salesman
Empress	groom	poet	man
Emperor	cow	dog	vixen
Witch	Wizard		



HINDI

- 1) रंग-बिरंगे कागज़ के प्रयोग से पतंग बनाइए | 'पतंग' पर अपने शब्दों में एक कविता लिखिए।
- 2) अपनी पसंद के तीन पक्षियों के चित्र बनाइए तथा किसी एक पक्षी के बारे में छह से आठ वाक्य लिखिए।

MATHS

Q1.Find out the distance from Jammu to Delhi and Jammu to Srinagar. Represent the numbers on abacus with proper place values. Write their number name also. Use tooth picks / match sticks, Bindi , seeds etc. to make abacus.

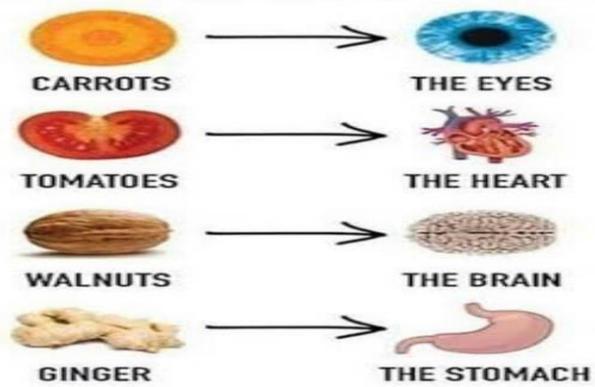
Do your activity on A-4 sheet / scrap book or make model.

Q2. Write the table of 2,3,4,5and 6 using skip counting and make beautiful wall hangings using ribbon and cuttings of chart paper.

EVS

Q1. Collect five different types of cereals in zip lock bag and paste it in a scrap book.

Q2. Draw pictures of different types of food materials which are lookalike of our internal organ.



COMPUTER

Paste the pictures of any four input ,output and storage devices and write five points about each on Rs 5 notebook.





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CLASS III

ENGLISH

Q1- Visit a garden with your parents. Draw or paste pictures of different flowers that you can see in the Summer Season. Also write four sentences about each of them. Follow the pattern.

Rose:

- 1) This is a rose. (Declarative sentence)
- 2) Is this a yellow rose ? (Interrogative sentence)
- 3) Don't pluck the rose. (Imperative sentence)
- 4) Wow! What a beautiful rose. (Exclamatory sentence)

Q2- Make a family tree. Paste the pictures of your family members including your pet (if any). Classify them into common and proper nouns. Follow the pattern.

Common name.

Special name

boyRohan

dog

Bruno

HINDI

- 1) पुराने कपड़ों से कठपुतली(गुड़िया) बनाइए।
दिल्ली में स्थित गुड़ियाघर के बारे में जानकारी एकत्रित कर आठ से दस वाक्यों में लिखिए ।
- 2) ग्रीष्म, वसंततथा शरद ऋतु में पाए जाने वाले फूलों के चार-चार चित्र बनाइए तथा उनके नाम लिखिए।

MATHS

Make flash cards of five basic symbols used in Roman counting using coloured paper , cardboard and matchsticks/ buds

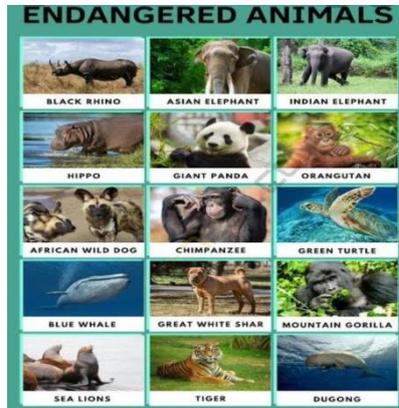
Hindu Arabic	1	5	10	50	100
Roman	I	V	X	L	C

Represent Birth year of any four family members along with their picture in place value chart . write their word form ,Successor , Predecessor and expanded form .

Do your activity on A-4 sheet in the form of booklet.

EVS

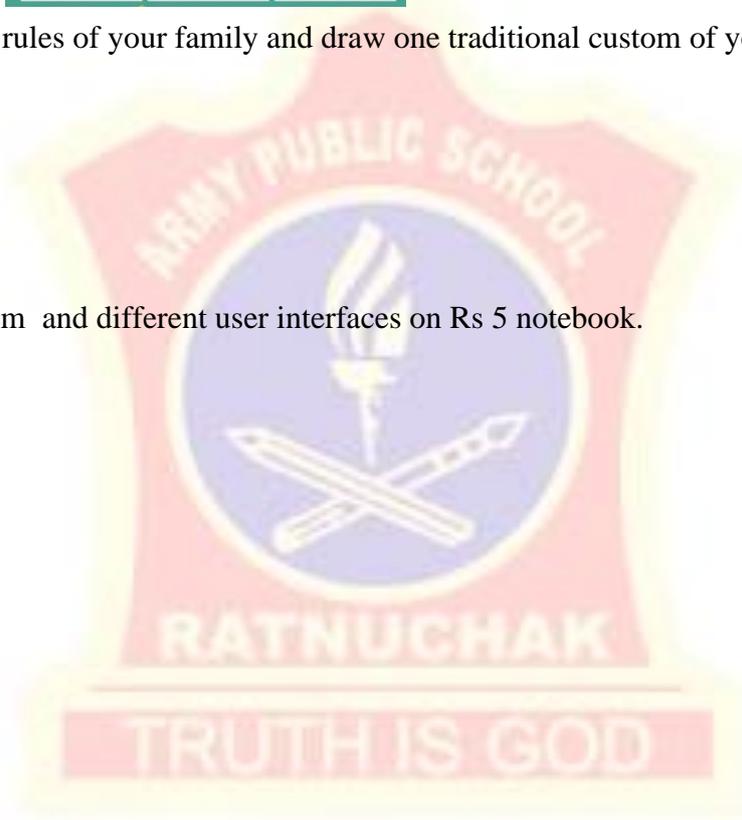
Q1. Paste pictures of 10 endangered species found in India.



Q2. List some special rules of your family and draw one traditional custom of your family in a scrap book.

COMPUTER

Define operating system and different user interfaces on Rs 5 notebook.





ARMY PUBLIC SCHOOL RATNUCHAK
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CLASS IV

ENGLISH

Q.1 Draw or paste five medicinal plants found in your locality and write four sentences about each picture. The sentences should be framed Declarative, Imperative, Interrogative and Exclamatory as given in the example.

e.g. Lemon tree

1. This is a lemon tree. (Declarative sentence)
2. Do you like lemons? (Interrogative sentence)
3. Please, make lemonade for me. (Imperative sentence)
4. Umm! Such a sour lemon. (Exclamatory sentence)

Q.2 “Summer vacation is to take a break and feel refreshed for the coming months of the year.”

Plan a trip with your family to any hilly destination or any other destination of your choice. Take some pictures and paste them in the form of a collage. Write ten sentences describing about the place you visited, the traditional food of the place and famous place of the city you visited.

Write the subject with blue colour and predicate with green colour.

HINDI

1. स्वामी विवेकानंद का चित्र बनाकर उनके कथनों को इंटरनेट की सहायता से ढूँढकर स्क्रेप बुक पर लिखो।
2. संज्ञा की परिभाषा लिखकर नाम वाले शब्दों के चित्र स्क्रेप बुक पर चिपकाएं



MATHS

Use matchsticks / buds / broom sticks to represent any five Roman numerals.

Do this activity on A-4 sheet.

1. Note down the pin code number of your area . write its
 - a. Number name in Indian system and International system.
 - b. Expanded form
 - c. Successor and predecessor
 - d. Place value of each digit.

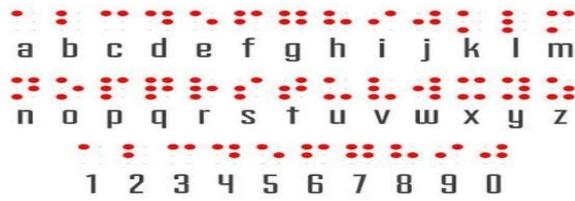
Do this activity in the form of wall hanging using cardboard, coloured paper etc.

EVS

Q1. Make a working model of respiratory system of human body.

Q2. Let us become little sensitive towards blind people. Draw a braille script in your scrap book.

BRAILLE ALPHABET



COMPUTER

Define the different components of system unit like Motherboard, CPU, RAM, SMPS ,Disk drives with the help of diagram on Rs 5 notebook.





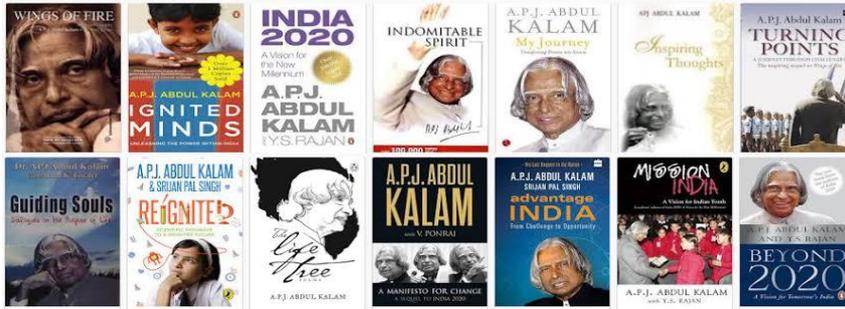
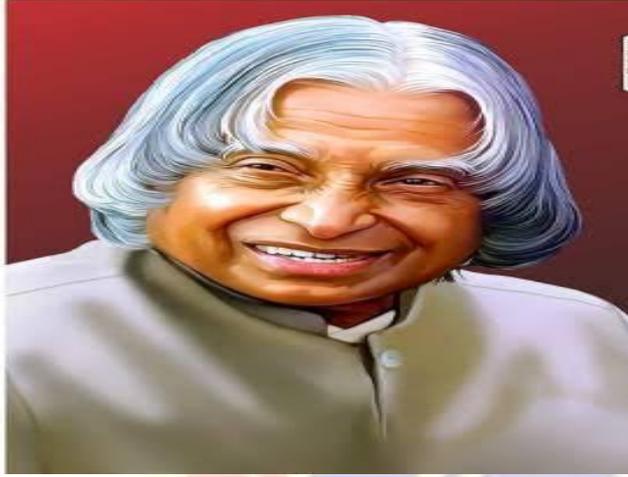
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CLASS V

ENGLISH

Q. "Books are the gateway to knowledge. They are man's best friend."

Reading inculcates communication skills and enhances our knowledge.

Read any book written by Dr A.P.J. Abdul Kalam, the 11th President of India. (A few are: Ignited Minds, Wings of Fire)



Draw the picture of Dr A P J Abdul Kalam and then write a ten lines describing about his early schooling, parentage, his desires, about his achievements and his vision.

Write the subject with red colour and predicate with green colour.

Q.2 Frame a short story using collective nouns used in the exercise of Ch. 2 of your English text book (Roots and wings)

Troop of monkeys

Library of books

Bunch of grapes etc

HINDI

1. अपने विद्यालय में प्रातः सभा में गाया जानेवाला प्रार्थना -गीत सुंदर अक्षरों में स्क्रेप बुक पर लिखो तथा प्रार्थना करते बच्चों का चित्र बनाओ ।
2. भारत में बजाये जाने वाले किन्हीं चार वाद्य यंत्रों का चित्र बनाकर उसके विषय में पांच-पांच पंक्तियाँ लिखो ।

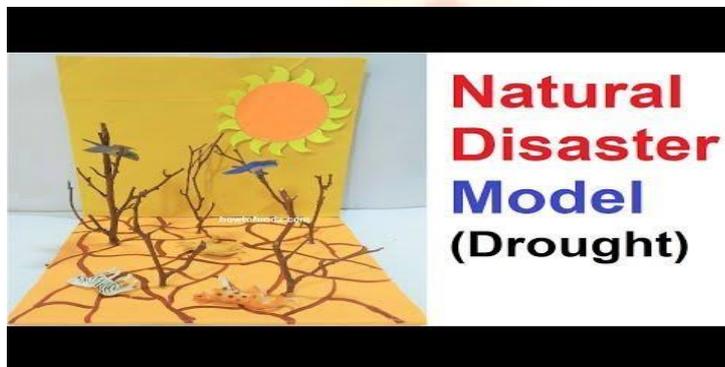
MATHS

1. Make Toran of International place value chart . Enter your Date of Birth in it (e.g 12 – 06 – 2012 = 12062012)
2. Write the population of any five states of our country in Indian place value chart . Write their
 - a. Number name
 - b. Write the name of state having maximum and minimum population
 - c. Successor and Predecessor of each number.

Do it in A-4 sheets in the form of booklet

EVS

Q1. Make a model of any natural calamity (drought ,earthquake) .



Q2. Draw five sense organs and write their functions.

COMPUTER

Compare different generations of computers on the basis of period, technology used, speed, language used and examples on Rs 5 notebook.



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CLASS VI

ENGLISH

1. Find out 20 difficult words – 10 each from “A TALE OF TWO BIRDS” and “THE FRIENDLY MONGOOSE”. Then, write the synonym and antonym of all these words. (5 marks)
 2. Have you ever seen a Mongoose? Draw/Paste a picture of a Mongoose and write a descriptive paragraph on it. (5 marks)
 3. Write a paragraph in about 50-100 words on:- (5*2=10 marks)
(a) A House, A Home (b) Kite
 4. Make a kite using a coloured paper and write a paragraph on the kite describing it. (5 marks)
- Practise the Grammar worksheets and revise the entire syllabus of Periodic test-1

HINDI

- प्रश्न. 1 आपने बचपन पाठ पढ़ा आप यह बताइए कि आपका बचपन लेखिका के बचपन से किस प्रकार अलग है। और आपको क्या-क्या चीजें अच्छी लगती हैं। 50 से 60 शब्दों में वर्णन कीजिए।
- प्रश्न -2 आपने नादान दोस्त पाठ पढ़ा। यदि आप केशव शर्मा की जगह होते तो आप उस घोंसले के साथ क्या करते? अपने विचार 50 से 60 शब्दों में लिखिए।

MATHS

1 cm x 1 cm square papers and mark them with letters I, X, V, L, C and colour them as follows:

- Yellow colour for all 'I' papers,
- Red colour for all 'X' papers,
- Blue colour for all 'V' papers,
- Green colour for all 'L' papers
- Brown colour for all 'C' paper

Note down age of each family members and paste the coloured papers representing age in roman numerals as follows:

S. No.	Relation	Age in Hindu Arabic	Roman Numeral
1	Mother	32 years	

SCIENCE

1. Make a thermo-col model of plant and show its different edible parts with the help of colored pen/pencil.
2. Make a list (with pictures, when possible) of food items generally taken by people of different regions of India. Place these on a large outline map of India to display in your classroom.
3. Prepare a diet chart to provide balance diet to a twelve-year old child. The diet chart should include food

items which are not expensive and are commonly available in your home.

4. Make a model of weaving with paper strips (you can also use any other suitable material). You can take the help of your science textbook for how to prepare a weaving

SOCIAL SCIENCE

Find out ancient sites/places of india .Collect information about atleast ten ancient places.Write a few lines on them and also write about their source of information. paste colourful pictures of these ancient sites.

SANSKRIT

- 1.पाठे दत्त्वा चित्राणि दृष्ट्वा पञ्च पुल्लिङ्गे स्त्रीलिङ्गे च संस्कृत नामानि लिखन्तु (चित्र सहितम्)

10

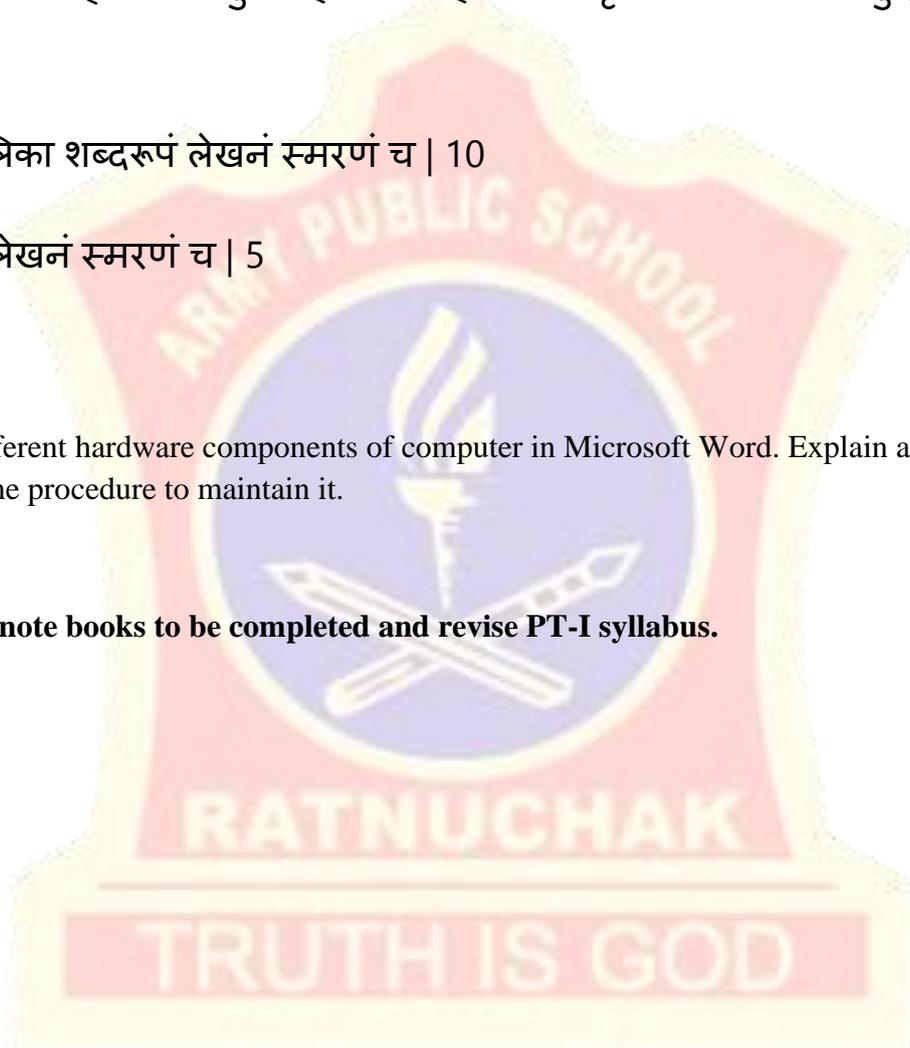
- 2.बालक एवं बालिका शब्दरूपं लेखनं स्मरणं च | 10

- 3.सर्वनाम शब्द लेखनं स्मरणं च | 5

COMPUTER

Create a list of different hardware components of computer in Microsoft Word. Explain any one hardware device and write the procedure to maintain it.

Note: All subject note books to be completed and revise PT-I syllabus.





ARMY PUBLIC SCHOOL RATNUCHAK
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CLASS VII

ENGLISH

- 1 Find out 20 difficult words- 10 each from “A Gift of Chappals” and “Bringing Up Kari”. Write their meaning and also find out 2 synonyms and antonyms of each word. (5 marks)
- 2 Make a beautiful bookmark for your Literature reader. Decorate it and write 10 difficult words along with their meanings. (5 marks)
3. On coloured A 4 sheets – Write the format of Notice and Informal Letter. Also make a chart on Articles and their types (5 marks)
- 3 Make a collage (10 marks)

Draw/ Paste the picture of the following authors – Ruskin Bond, Roald Dahl and Rudyard Kipling.(Give following information about the authors. • Date of birth • Popular works • Awards received)

Practise the Grammar worksheets and Revise the entire syllabus of Periodic test-1

HINDI

प्रश्न-1 पक्षियों पर आधारित चित्र सहित एक कविता लिखिए।

प्रश्न-2 घर पर होनेवाले उत्सवों/समारोहों में बच्चे क्या-क्या करते हैं? अपने और अपने मित्रों के अनुभवों के आधार पर लिखिए।

MATHS

To represent following products of decimal number on a square by drawing horizontal/vertical lines and shading

- a) 0.3×0.7
- b) 0.5×0.5

SCIENCE

1. How many teeth does an adult (human being) have? Explain the different types of teeth and their function with the help of diagram.
2. Make a power point presentation explaining digestive system of humans and Ruminants.
3. Find out which states of India are famous for producing silk and wool.
4. Paste at least 3 fabric obtained from plants and animals each.

SOCIAL SCIENCE

Trace the form of government and their heads in seven neighbouring countries of India; Afghanistan, Pakistan, Myanmar, Bangladesh, China, Bhutan and Nepal. Mark the location of these countries on the political map of India..

SANSKRIT

1.अस्माकं राष्ट्रीय प्रतीकान् विषये लेखनं स्मरणं च चित्र सहितम् | 10

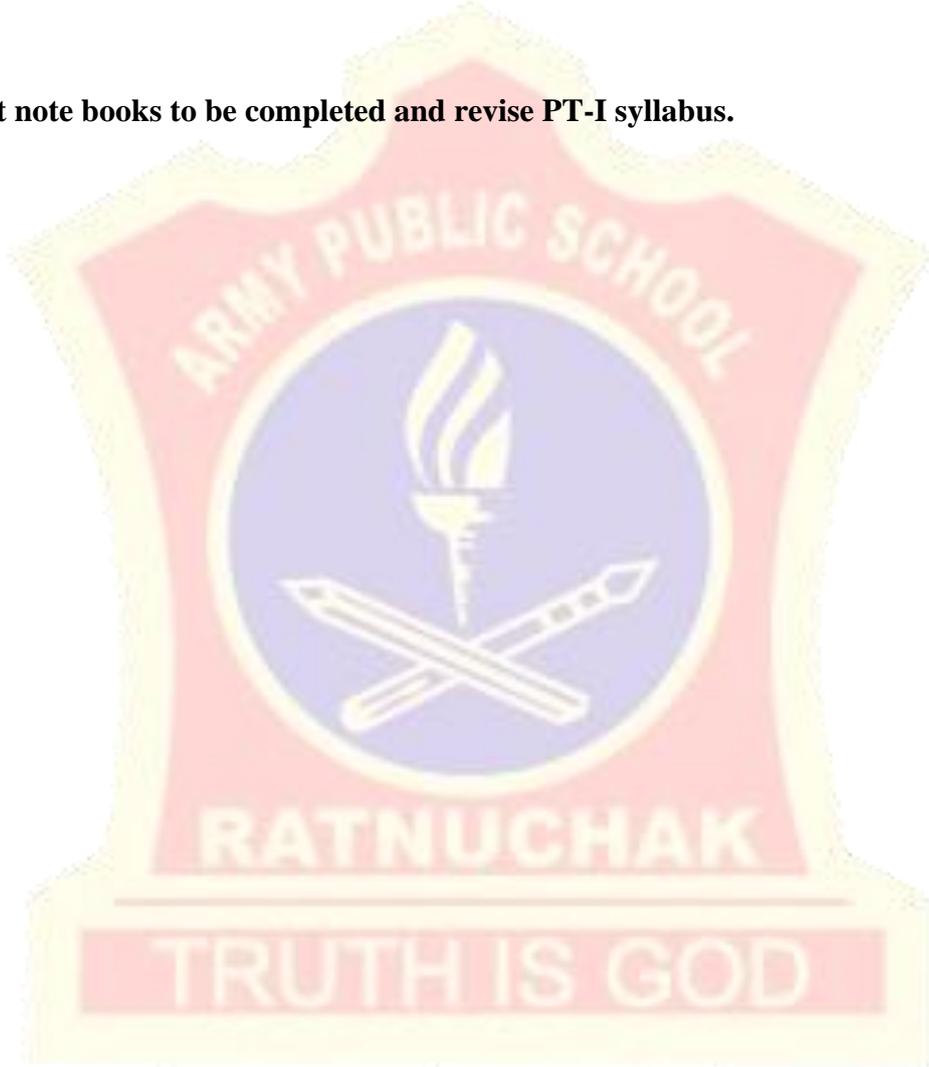
2.स्व परिचयं लेखनम् | 10

3.कारक | 5

COMPUTER

Create a Microsoft word file and explain any five different software.

Note: All subject note books to be completed and revise PT-I syllabus.





ARMY PUBLIC SCHOOL RATNUCHAK
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CLASS VIII

ENGLISH

1. In reference to your chapter “Glimpses of the Past”, write a Speech on “ India’s struggle for freedom”. Also Draw/paste pictures of any 5 freedom fighters of India and write their slogans underneath. (10 Marks)
2. In the story “How the camel got his hump” you learned that sitting idle makes people (and animals) grumpy. Write a letter to your younger brother to utilize his summer vacations constructively. (You can also suggest him to go for trekking, try new things and learn something new instead of sitting idle and wasting time on useless things. (10 Marks)
3. Write a paragraph on The Life of a Child Worker. (05 Marks)

Practise the Grammar worksheets and Revise the entire syllabus of Periodic test-1

HINDI

प्रश्न-1 गर्मियों की छुट्टियों में आप खूब आम खाते हैं। आपको पता है कि आम में कितने गुणकारी तत्व होते हैं। आम से बनने वाले पांच स्वादिष्ट व्यंजनों के नाम लिखिए एवं इनमें से किसी एक व्यंजन को बनाने की पूरी विधि लिखिए और आम में पाए जाने वाले महत्वपूर्ण गुणों की विशेषता भी लिखिए। (सचित्र)

प्रश्न-2 आपने गर्मियों की छुट्टियों में पतंग बनाना सीखा है और उसके बाद आपने बहुत ही सुंदर सुंदर पतंगों का निर्माण किया है। आपके द्वारा बनाई गई पतंगों की बिक्री के लिए एक सुंदर एवं आकर्षक सा विज्ञापन तैयार कीजिए। (सचित्र)

MATHS

Representing rational numbers on number line and coding-decoding messages.

Step 1: Draw a number line representing all the rational numbers from $\frac{-12}{13}$ to $\frac{13}{13}$.

Step 2: On the number line, allot letters from A to Z to the rational numbers such that A is allotted to $\frac{-12}{13}$, B is allotted to $\frac{-11}{13}$, C is allotted to $\frac{-10}{13}$,....., Z is allotted to $\frac{13}{13}$.

Now we are ready to code and decode messages. For example, as you can see on the number line

“DUSTER” is coded as $(\frac{-9}{13}, \frac{8}{13}, \frac{6}{13}, \frac{7}{13}, \frac{-8}{13}, \frac{5}{13})$.

Also, if you decode $(\frac{10}{13}, \frac{-4}{13}, \frac{1}{13}, \frac{-6}{13}, \frac{6}{13})$ you get “WINGS”.

Now answer the following questions:

- (i) How will you write “STUDENT” using rational numbers from number line?
- (ii) How will you write “MATHS” using rational numbers from number line?
- (iii) Decode the message from these rational numbers

$$(\frac{6}{13}, \frac{7}{13}, \frac{-12}{13}, \frac{12}{13}), (\frac{-5}{13}, \frac{2}{13}, \frac{0}{13}, \frac{-8}{13}), (\frac{6}{13}, \frac{7}{13}, \frac{-12}{13}, \frac{12}{13}), (\frac{6}{13}, \frac{-12}{13}, \frac{-7}{13}, \frac{-8}{13})$$

SCIENCE

1. Collect different types of seeds and put them in small bags. Attach these bags in a file and label them.

2. Visit a doctor. Find out why antibiotics should not be overused. Prepare a short report.
3. Collect different types of fabrics and put them in small bags. Attach these bags in a file and write down their properties.

SOCIAL SCIENCE

List the fundamental rights given in the constitution of India with suitable examples. Also mention which right amongst all is the most important right in your opinion and explain why do you think so?

SANSKRIT

1. भारतीय संस्कृतये षोडश-संस्करानां नामानि लिखत | 10
2. संस्कृत साहित्ये प्रसिद्ध पञ्च कविनां नामानि एवं रचनाद्वयं लिखन्तु | 10
3. अव्यय शब्दस्य परिभाषा लिखित्वा कोऽपि विंशतिः अव्यय पदं लिखत् | 5

COMPUTER

Create a Microsoft Power Point Presentation on e-Commerce.

Note: - Maximum Slides=10

Note: All subject note books to be completed and revise PT-I syllabus.





ARMY PUBLIC SCHOOL RATNUCHAK
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CLASS IX

ENGLISH

1. Instruments they use. Write a paragraph about their achievements.
2. A story plays an important part in the life of a human being. It can be an account of imaginary or real people and events told for entertainment or an account of past events in someone's life or in the development of something. Write a proper format of the story writing and further design a story on 'Helping Hands' with moral and illustrations. (5 Marks)
3. Differentiate between a virtual classroom and an old school. Make a poster on the topic, 'school now and in future'. (5 Marks)
4. Poetic devices are a form of literary device used in poetry. . Define 10 poetic devices, five each from the poems, " The Road not Taken" and " The Wind" with examples from the poem. (5 Marks)
5. Make a flow chart of the determiners and Tenses with two examples each. (10 Marks)

HINDI

प्रश्न. 1 भक्ति काल के पांच प्रसिद्ध कवियों के नाम बताइए। किसी एक कवि के बारे में विस्तारपूर्वक 150 शब्दों में लिखिए।

प्रश्न -2 महादेवी वर्मा ने गिल्लू को पाला था। यदि आपको किसी जीव- जंतु को से इस तरह पाला है या आपने किसी जानवर को पालना हो तो आप किस प्रकार उसे पालेंगे ? 150 -200 शब्दों में वर्णन कीजिए।

MATHS

Represent $\sqrt{13}$ on number line using spiral method.

SCIENCE

1. How to determine the direction of motion and other quantities of a body moving on a circular motion
Explain it with the help of model.
2. Make a model of plant and animal cell which shows all important organelles.
3. Complete your practical Manual work.

SOCIAL SCIENCE

On an outline map of India mark the following features:

- (i) The island groups of India lying in the Arabian Sea and the Bay of Bengal.
- (ii) The countries constituting Indian subcontinent.
- (iii) The States through which the Tropic of Cancer passes.
- (iv) The northernmost latitude in degrees.
- (v) The southernmost latitude of the Indian mainland in degrees.

(vi) The eastern and the western-most longitude in degrees.

(vii) The place situated on the three seas.

(viii) The strait separating Sri Lanka from India.

(ix) The Union Territories of India

OR

Collect information about the 'Silk Route' and write how this route help to connect different parts of the world for trade. Do the comparative analysis of the ancient with modern trade ways.

Note: All subject note books to be completed and revise PT-I syllabus.





ARMY PUBLIC SCHOOL RATNUCHAK
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CLASS X

ENGLISH

1. Describe the following terms in detail and illustrate them with pictures. The word limit should be 100-120 words. (10 Marks)
 - a. Apartheid (refer the prose- Long walk to Freedom)
 - b. Imprisonment (refer the poem –Tiger in The Zoo)
 - c. Responsibility –(refer to the poem- The Ball Poem)
 - d. Bullying –(refer the prose- Hundred Dresses)
2. Creation with Proverb (05 Marks)

Describe any one of the following proverb in your own words. You should also add pictures to make it creative.

 - ‘The pen is mightier than the sword’
 - ‘No pain No gain
 - ‘All’s well that ends well’
 - Don’t judge the book by its cover
3. FLIP BOOK (10 Marks)

Create a flip book and draw rule charts for the following topics under their headings/titles

 1. Determiners
 2. Tenses
 3. Modals
 4. Subject verb agreement
 5. Reported speech

HINDI

प्रश्न-1 आपने अपनी पाठ्य पुस्तक स्पर्श में बड़े भाई साहब पाठ पढ़ा जो कि मुंशी प्रेमचंद जी द्वारा लिखी गई एक कहानी है। पाठ में बहुत से मुहावरे आए हैं उन सभी मुहावरों को अर्थ सहित लिखिए एवं उनका वाक्यों में प्रयोग कीजिए।

प्रश्न-2 आधुनिक युग की मीराबाई महादेवी वर्मा को कहा जाता है , मीराबाई और महादेवी वर्मा की कविताओं में कौन -कौन सी समानताएँ हैं । महादेवी वर्मा और मीराबाई की एक-एक कविता लिखो ।

MATHS

Represent the zeroes of the quadratic polynomial $x^2 - 4x + 4$ and $-x^2 + x + 2$ graphically. Minimum 5 TO 10 points required.

SCIENCE

1. Find the number of images formed when two plane mirrors are placed 90 degree, 80 degree, 70degree, 60 degree, 45 degree and 30 degree. Maintain a record of all observation.
2. Make a model of heart
3. Complete your practical Manual work

SOCIAL SCIENCE

Prepare a detailed report on the major dams of India and explain their socio-economic contribution in generating hydroelectricity for regional and inter regional areas. Locate and label these dams on the political map of India.

Note: All subject note books to be completed and revise PT-I syllabus.

