KENDRIYA VIDYALAYA ASKA
AUTUMN BREAK HOMEWORK (2023-24)
IX

ARTIFICIAL INTELLIGENCE

1. If given a chance, what type of AI application would you like to develop or get developed? Discuss.

2. List some advantages and disadvantages of AI.

3. Enlist some AI based jobs of future.

4. Discuss some applications of AI which are currently very popular.

5. From your surroundings give an example of applications of AI

MATHEMATICS

1. Solve the question paper of PERIODIC TEST-02 examination of mathematics in home work copy.

2. Prepare a Practical notebook and write first 10 activities of NCERT activities in it in neat and clean handwriting beautifully.

   Link of activity:
   https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classIXtoX/mathematics/lelm401.pdf
   (Get the print outs of the Activities by help of your parents and write it down from it in activity notebook)

SOCIAL SCIENCE

1. Prepare a project on Natural vegetation and wild life in India.
   (You can design it in your note)
   Contents are:
   a. Flora and fauna
   b. Wild life (Indian wild life)
   c. Type of forest in Indian biodiversity.

2. Solve the PT 2 exam paper in your note

3. Prepare a note on working institution
   a. Prime minister
   b. President
   c. Cabinet minister
   The above points are mentioned in your note

हिंदी

1. किन्हीं तीन शब्दअलंकार के पांच पांच उदाहरण लिखिए।
2. किन्हीं पांच उपसर्ग का प्रयोग करते हुए पांच -पांच शब्द लिखिए।
3. अर्थ के आधार पर वाक्य के भेद बताते हुए हर एक भेद के उदाहरण लिखिए।
4. समाचार पत्र के ऊपर एक अनुच्छेद लिखिए।

SCIENCE

Write the answers of the following questions:

1. Write the electronic configuration of the following atoms n find the valency by electronic configuration
   Chlorine, Sulphur, phosphorus, magnesium, nitrogen, oxygen

2. Find the molecular mass of the following compounds
   Calcium sulphate, Milk of magnesia, sodium carbonate, barium chloride

3. Write the differences between chemical change and physical change describe with examples

4. Describe the character and properties of all states of matter

5. Draw labelled diagram (on A4 size paper) of:
   a. Plant cell
   b. Animal cell
   c. Plants tissues
   d. Animal tissues

6. Write the complete solution of PT 2 examination.

7. Solve additional exercise in chapter force and laws of motion

ENGLISH

Dear Parents,

For this autumn break, we have planned assignments to keep the children engaged and also help them in channelizing their energies. Kindly help and guide your ward in completing his/her work and also exploring his/her creative self.

General Instructions:

- The Holiday Homework is to be done neat and tidy handwriting.
- Make a set routine for him/her to do holiday homework as regular practice improves his/her learning and writing skills instead of forcing them to do their holiday homework at the eleventh hour.
- Encourage your child to cultivate the reading habit because it not only enhances the knowledge acquired but also develops the vocabulary, language skills and improves spellings.
- Encourage your child to read newspaper, G.K book and current affairs to update himself/herself.
- Make sure that the Holiday Homework is to be done according to the given instructions and with neat and tidy handwriting.

   Above mentioned guidelines will help your child to become a smart and an active learner.

1. Do practice more and more MCQ'S from the chapters.

2. Your are the manager of Fit and Fine Fitness Club, Gandhi Road, Ernakulam. Write a letter in 100- 120 words to Messrs Pioneer Sports Co., Kochi placing an order for a minimum of 4 fitness equipments with details.

3. Wearing the school uniform gives the students an identity, pride and a feeling of discipline. Write an article in 100 words on 'Importance of wearing a uniform in school'. You are Ramesh/Rashmi.

4. Do practice any one set of model question paper for your forthcoming ANNUAL examination.

5. Recently you visited North-Eastern states of India with your father. Make a diary entry of what you saw and experienced in these states.

संस्कृत

1. 'तरवे नमोऽस्तु' विषय पर्यन्तं आगतानाम् श्लोकानाम गायनाभ्यासः करणीयम् स्मरणम अपि

2. पंच लकारेषु धातुरूप चिन्हानि लिखत स्मरत च।

3. अस्, भू, कृ, पठ इति धातुना रूपाणि स्मरत।

4. प्रायोजन कार्य सुभाषितानि इति विषयम् अधिकृत्य स्वयमेव समापयत ।

Class - IX   Dt. 19/ 10/ 23

Holiday Home Work

Sub : SANSKRIT

1. 'तरवे नमोऽस्तु' विषय पर्यन्तं आगतानाम्
   श्लोकानाम गायनाभ्यासः करणीयम् स्मरणम् अपि

2. पंच लकारेषु धातुरुपचिन्हानि लिखत
   स्मरत च ।

3. अस्, भू, कृ, पठ इति धातुनां रूपाणि
   स्मरत ।

4. प्रायोजन कार्य सुभाषितानि इति विषयम्
   अधिकृत्य स्वयमेव समापयत ।

AUTUMN BREAK HOLIDAY HOMEWORK(2023-24)

SUBJECT:- ENGLISH

1. Write a paragraph on how you have spent your autumn holidays.

2. Write 15 nouns. Make them plural and change their gender.

3. Write a letter to the Collector of your city seeking a solution to the problem of water logging in your area. You are Rani of Dharma Colony, Ramgarh. (Words limit- 80-100 words).

4. You are Prem/Priya of Kendriya Vidyalaya Dehradun. You found somebody's lunch box in the school premises during recess. Write down a notice in about 50 words for this.

5. Write down a paragraph on any one of the following topics in 100- 120 words:-

(a)My favourite season

(b)How plants grow

SUBJECT - SOCIAL SCIENCE

1. **Revise your Geography chapters.**
2. **Solve the pt1 and mid term question paper in your note.**
3. **Prepare an article (A4 size paper) about the all continent**
   Points mentioned in article are
   a. **Asia**
   b. **Africa**
   c. **North**
   d. **North America**
   e. **South America**
   f. **Europe**
   g. **Australia**

SUBJECT- MATH

1. Show variation between Indian system of numeration and international system of numeration.
2. Addition and subtraction of whole number on the number line.

3. Find the prime numbers between 1 and 100.

4. Find the HCF of two given numbers by paper cutting and pasting.

5. Finding factors of numbers by using the factor tree. (Take any four number)

6. Form various curves by paper folding and identify open curves and closed curves.

7. Show parallel and perpendicular line by paper cutting.

8. To perform addition and subtraction of integers using different coloured buttons and counters.

9. Create a 4 X 4 magic square where each row column and diagonal add to 7.

10. Make a paper plate by cutting a cardboard sheet and represent various fractions.

11. Magic square activity involving fractions.
(**NOTE:** Do all your holiday homework in your homework copy. Also use chart paper if needed and solve the midterm question paper of math in your homework copy.)

1. Prepare a project file showing different types of habitats and types of organism found there. (Not more than 6 pages)

2. Solve the midterm examination paper.

Subject – Hindi

रोज एक पन्ना सुलेख लिखें |

"झाँसी की रानी लक्ष्मीबाई" कविता को गाएँ और याद करने के लिए कोशिश करें |

पत्र और निबंध लेखन का अभ्यास करें |

मुहाबरों की सूची बनाकर लिखें (अंगों से संबन्धित , दस – बीस) |

Subject – Sanskrit

शब्दरूपं लिखत - बालक , बालिका , पुष्प और अन्य

धातुरूपं लिखत – पठ , लिख, गम और अन्य

बकस्य प्रतीकारः विषयपर्यंत अव्ययपदानि लिखत

प्रायोजन-कार्य – सुभाषितानि (प्रसिद्ध संस्कृत श्लोक)

KENDRIYA VIDYALAYA ASKA HOLIDAY HOMEWORK 2023-24

Class VII   Sub: English

1.   Write a letter to your friend describing how you have enjoyed your autumn break.

2.   Learn all the question and answers from "THREE QUESTIONS" to "THE SHED".

3.   Write a paragraph on "MY FAVOURITE FESTIVAL".

4.   Learn and write ACTIVE AND PASSIVE VOICE.

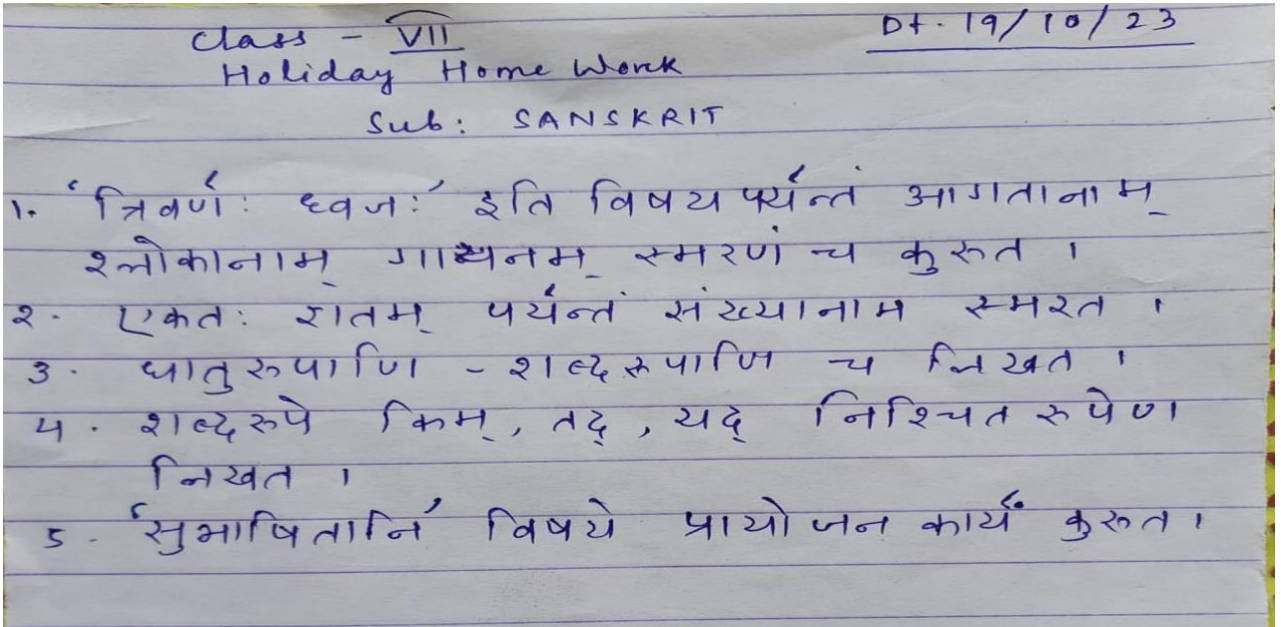5.   Observe the beauty of nature and write a short poem on it.

Class -7th   Subject-SCIENCE

Write the answers of the following questions-

1-Solve the ncert Exercise of transportation in animal and plants in hw note.

2-write the activity on transpiration in plants with diagram in activity note.

3-Draw the detailed labelled diagram of human excretory system n explain the mechanism of excretion in Human being.

4-Make a project model of human breathing mechanism and submit the model with mentioning your roll number.

.   Subject-Sanskrit

Class – VII
Holiday Home Work   Df. 19/10/23
Sub: SANSKRIT

१. 'त्रिवर्णः ध्वजः' इति विषयपर्यन्तं आगतानाम् श्लोकानाम् गायनम् स्मरणं च कुरुत ।

२. एकतः शतम् पर्यन्तं संख्यानाम् स्मरत ।

३. धातुरूपाणि – शब्दरूपाणि च लिखत ।

४. शब्दरूपे किम्, तद्, यद् निश्चित रूपेण लिखत ।

५. 'सुभाषितानि' विषये प्रायोजन कार्यं कुरुत ।

Subject-maths   class vii

1- Addition and subtraction of integers on the number line using various homemade things.

2. Associative property on the number line.

3. Profit and loss game acting student as shopkeeper. (Do in your chart paper

using shopkeeper - student)

4. Interpolation or data to find mean, median and mode.

5. Draw a bar graph. (Using the population of own country)

6. Draw a double bar graph to represent the given data (e.g., Periodic 1 and 2

marks of a student).

7. Make a simple equation of your own and word problem.

8. To solve an equation by trial and error method.

9. Prepare a simple equation or a given situation and solve it.

10. Properties of pair of corresponding angles by activity method, alternate

interior angle, proper ties of pair of consecutive interior angles on the same

side of transversal.

(NOTE: Do all your holiday homework in your homework copy. Also use chart

paper if needed and solve the midterm question paper of math in your homework

copy.)

Subject- Social science

1. **Write an article on Social media. What is the merits and demerits of it.**
2. **How life survive in tropical and subtropical area prepare a file using A4 size paper.**
   Prepare a note with material and
3. **photos how is the Life style of tribal people in India**
4. **Solve the mid term exam paper in your note.**

कक्षा-सातवीं   विषय-हिंदी

1. एक औपचारिक और एक अनौपचारिक पत्र लिखिए।
2. 20 पर्यायवाची या समानार्थी शब्दों की सूची बनाइए।
3. 'मीठी वाणी' पर एक अनुच्छेद लिखिए।
4. 10 पर्यायवाची शब्द लिखिए।

KENDRIYA VIDYALAYA ASKA
AUTUMN BREAK HOLIDAY HOMEWORK (2023-2024)
CLASS 8TH

SUBJECT- SOCIAL SCIENCE

1. Write an article on agriculture in India .
2. Write a summary on 1857 Indian revolution and its result.
3. Prepare an article on Marginilised / Dalit people of India and what steps should be taken by Indian Govt to eradicate the process. (use old news paper article photos)
4. Solve pt1 and mid term question paper in your note.

SUBJECT- HINDI

1. 'प्लास्टिक के दुष्परिणाम' विषय पर एक अनुच्छेद लिखिए।
2. एक औपचारिक और एक अनौपचारिक पत्र लिखिए।
3. किन्हीं पांच प्रत्ययों का प्रयोग करके दो दो शब्द लिखिए।

SUBJECT – ENGLISH

Dear Parents, For this autumn break, we have planned assignments and activities to keep the children engaged and also help them in channelizing their energies. Kindly help and guide your ward in completing his/her work and also exploring his/her creative self.

General InstructionsThe Holiday Homework is to be done neat and tidy handwriting. Make a set routine for him/her to do holiday homework as regular practice improves his/her learning and writing skills instead of forcing them to do their holiday homework at the eleventh hour. Encourage your child to cultivate the reading habit because it not only enhances the knowledge acquired but also develops the vocabulary, language skills and improves spellings. Encourage your child to read newspaper, G.K book and current affairs to update himself/herself. Make sure that the Holiday Homework is to be done according to the given instructions and with neat and tidy handwriting. Above mentioned guidelines will help your child to become a smart and an active learner.

ACTIVITY: (To Be Done On A4 PAPER)
1. Write a paragraph on MY HOBBIES also paste the related pictures.
2. Now paste the pictures of animals you like and write about their habits, qualities and the things you like to adopt from them.
3. For Multi-Disciplinary Project- SAVE WATER SAVE LIFE. BOOK WORK(to be written on CW copy) Q
1. Write a paragraph on 'Importance of Good Hand Writing'.
Q 2. You are the monitor of your class and have been given the responsibility to organize handwriting competition for your classmates. Write a notice for your class notice board.
Q 3. Write a paragraph on a topic 'The Great Indian Festival'. READING Read newspaper daily and note down the new words in you.

SUB: SCIENCE
Do the following activities in A4 sheet:
1.Collect different types of new agricultural machine pictures and paste them in a file with
their names and uses.
2.Find out why antibiotics should not be overused.
3.Talk to people who use LPG at home. Find out why precautions they take in using LPG.

4.FIND out where currency is made. and. How is it different from normal paper.

CLASS-VIII (MATHEMATICS)

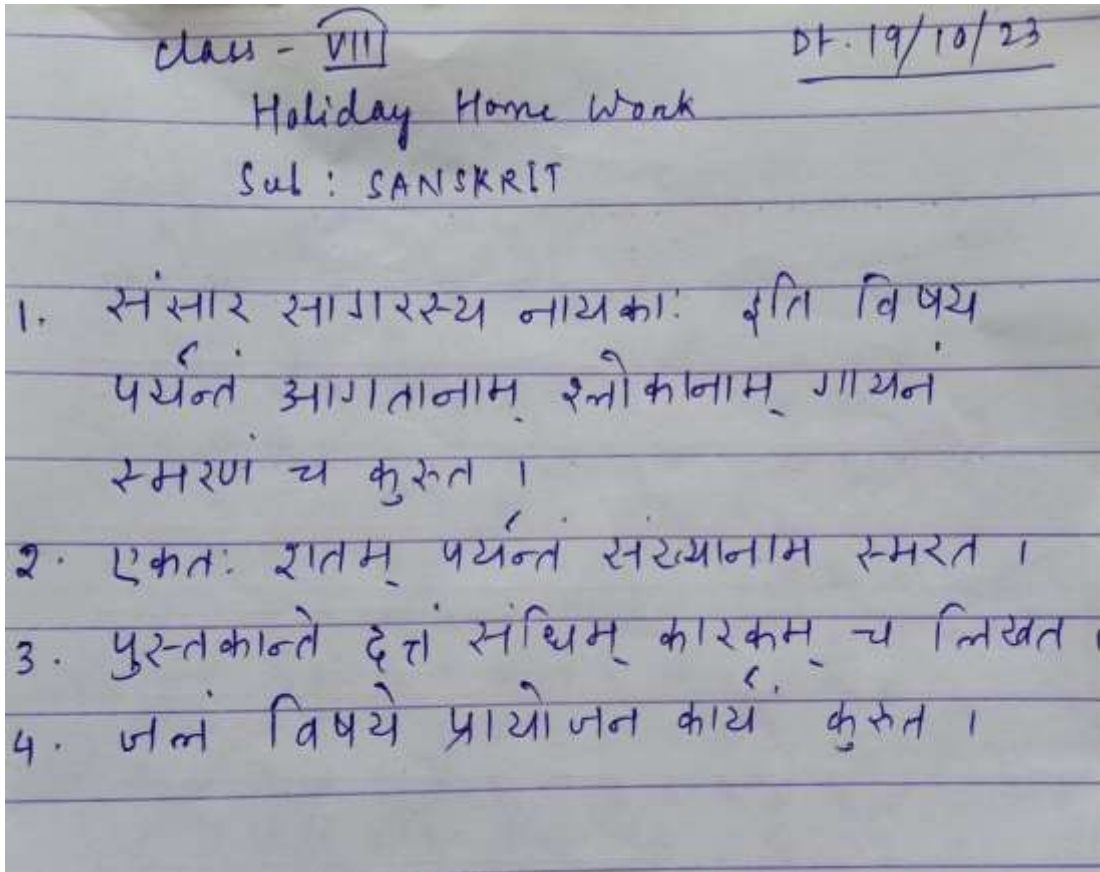Q1. Solve the question paper of Mid term examination of mathematics in home work copy.

Q2. Prepare a Practical notebook and write first 10 activities of NCERT activities in it in neat and clean handwriting beautifully.

Link of activity-
https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVIII/mathematics/ahelm103.pdf

(Get the print outs of the Activities by help of your parents and write it down from it in activity notebook)

SUBJECT- SANSKRIT

Class - VIII   Dt. 19/10/23
Holiday Home Work
Sub : SANSKRIT

१. संसार सागरस्य नायकाः इति विषय
पर्यन्तं आगतानाम् श्लोकानाम् गायनं
स्मरणं च कुरुत ।

२. एकतः शतम् पर्यन्तं संख्यानाम स्मरत ।

३. पुस्तकान्ते देत्तं संधिम् कारकम् च लिखत ।

४. जलं विषये प्रायोजन कार्य कुरुत ।

AUTUMN BREAK HOMEWORK (ENGLISH)

CLASS-X

SESSION- (2023-24)

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General Instructions-

The Holiday Homework is to be done neat and tidy handwriting.

Make a set routine for him/her to do holiday homework as regular practice improves his/her learning and writing skills instead of forcing them to do their holiday homework at the eleventh hour.

Encourage your child to cultivate the reading habit because it not only enhances the knowledge acquired but also develops the vocabulary, language skills and improves spellings.

Encourage your child **to read newspaper, G.K book and current affairs to update himself/herself.**

Make sure that the Holiday Homework is to be done according to the given instructions and with neat and tidy handwriting.

Above mentioned guidelines will help your child to become a smart and an active learner.

1. Do practice more and more questions from the chapters.

2. Your are the manager of Fit and Fine Fitness Club, Gandhi Road, Ernakulam. Write a letter in 100-120 words to Messrs Pioneer Sports Co., Kochi placing an order for a minimum of 4 fitness equipments with details.

3. Wearing the school uniform gives the students an identity, pride and a feeling of discipline. Write an article in 100 words on '**Importance of wearing a uniform in school'**. You are Ramesh/Rashmi.

4. Do practice any one set of model question paper for your forthcoming ANNUAL examination. **(Mandatory and time bound)**

5. Recently you visited North-Eastern states of India with your father. Make a diary entry of what you saw and experienced in these states.

SST

1. **Prepare project on CONSUMER RIGHT (ECO- LAST CHAPTER)**
   Mention the all point in your project
   a. **Consumer awareness and rights**

b. **Consumer awareness and right meaning**
c. **Factor causing exploitation of consumer**
d. **Need for consumer protection**
e. **Consumer rights and consumer responsibilities.**
f. **Way and means of consumer protection…..**
   (Use A4 size paper)
2. **Solve the PT2 EXAM PAPER**
3. **Prepare a note on manufacturing industries.**

(MATHEMATICS)

Q1. Solve the question paper of PERIODIC TEST-02 examination of mathematics in home work copy.

Q2. Prepare a Practical notebook and write first 10 activities of NCERT activities in it in neat and clean handwriting beautifully.

Link of activity-
https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classIXtoX/mathematics/lelm404.pdf

(Get the print outs of the Activities by help of your parents and write it down from it in activity notebook)

HINDI

1. एक औपचारिक और एक अनौपचारिक पत्र लिखिए।
2. आनंद योग केंद्र के ऊपर एक विज्ञापन लिखिए।
3. पीला गुलाब देखकर मन खुश हो गया। रेखांकित पद का पद परिचय दीजिए।
4. जल संरक्षण के ऊपर एक अनुच्छेद लिखिए।

SCIENCE

Write the answers of the following questions-
1-Solve the ncert Exercise of metals and non metals chapter in hw note
2-write the examples with balanced equations of all types of reactions of chapter 1
3-Write all chemical properties of acids and bases with reaction examples.
4- Draw monohybrid and dihybrid cross upto F2 generation and write phenotypic ratio.
5. Write the complete solution of PT 2 examination .
6.Practice ray diagrams from chapter light and human eye and colourfull world

ARTIFICIAL INTELLIGENCE

Q. How is AI contributing to Google maps?

Q. Discuss different fields where AI has been extensively used. Q. Discuss how AI may be

used in human rights violations.

Q. what technical and non-technical skills would be required for future AI jobs?

Class - X   Dt. 19/10/23

• Holiday Home Work
                Sub : SANSKRIT

1. विभक्तिगत तत्पुरुष समासस्य उदाहरणानि लिखत (द्वितीयात: सप्तमी पर्यन्तं)

2. शेमुषी पुस्तके पाठेषु द्वन्द्वसमासस्य आगतानि उदाहरणानि लिखत ।

3. 'अभ्यासवान् भव' इति पुस्तकस्य चित्र - वर्णनस्य प्रथम-अंक-त्रयस्य चित्र-वर्णन-वाक्यानि लिखत

4. 'सुभाषितानि' इति विषयम् अधिकृत्य प्रायोजन कार्यम् समापयत ।

Chemistry

Write the answers of the following questions-
1-Solve the ncert Exercise of Chemical bonding and molecular structure in hw note
2-write all ncert examples of structure of atom in hw note
3-Write all ncert examples of Periodic classification of elements in hw note.

विषय-हिंदी

1.संचार माध्यम क्या है? संक्षेप में परिचय दीजिए।

2.एक औपचारिक और एक अनौपचारिक पत्र लिखिए।

3.विदाई संभाषण पाठ में लेखक ने किसकी विदाई का प्रसंग चित्रित किया है? उसमें भारतीय जनता क्यों पीड़ित थी?

ENGLISH

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1. Do practice more and more questions from the chapters.

2. Your are the manager of Fit and Fine Fitness Club, Gandhi Road, Ernakulam. Write a letter in 100- 120 words to Messrs Pioneer Sports Co., Kochi placing an order for a minimum of 4 fitness equipments with details.

3. Make a project on the topic transforming in India.(mandatory and time bound) Submission date 31" October 2023

4. Wearing the school uniform gives the students an identity, pride and a feeling of discipline. Write an article in 100 words on 'Importance of wearing a uniform in school'. You are Ramesh/Rashmi.

5. Do practice any one set of model question paper for your forthcoming ANNUAL examination.

6. Recently you visited North-Eastern states of India with your father. Make a diary entry of what you saw and experienced in these states.

MATHEMATICS

1. Complete all your exercise up to straight line.
2. Do all the miscellaneous exercise question of each chapter in your homework copy.
3. Do activity 1 to activity 7 in your activity copy.
(NOTE: After the vacation all of you must submit both of your copies for checking.)
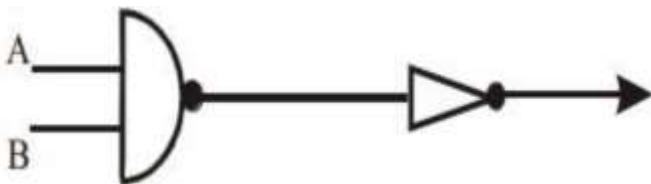
PHYSICS

1 Solve numericals of 1-3 chapters in hw book.
2. Make a list of physical quantities in chapter 1-5 and their units and dimensions and learn them.
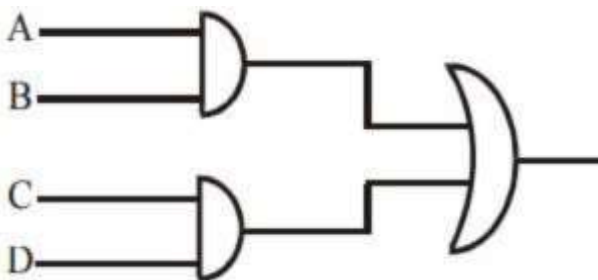
BIOLOGY

1.Draw flow charts of photosynthesis and plant respiration.
2.List different kinds of biomolecules and their functions.
3.Tabular representation of various plant hormones and their roles.
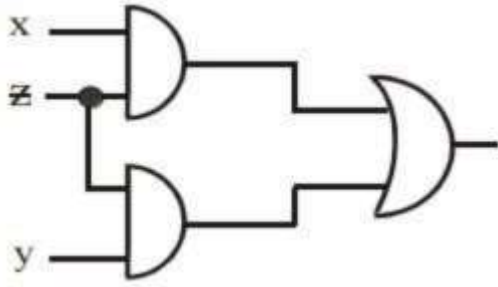 4.   Draw diagrams of cell divisions

COMPUTER SCIENCE
1.What is Boolean algebra?
2.What are the basic logic elements/gates?
3.What is truth table?
4.What are the universal logic gates?
5.Define Logic Gates.
6.Define following gates and draw logic circuit diagram
OR Gate (b) AND Gate (c) NOT Gate (d) NAND Gate (e) NOR Gate
7.Prove by Boolean Algebra rules $X (X + Y) = X$
8.Prove by Boolean Algebra Rules $X +X' Y = X + Y$
9.Prove that by Boolean Algebra Rule for $AB +AC + ABC= AB+AC$
10.Prepare a truth table $X (X +Y) = X$
11.Prepare a truth table of $X + X Z' = X$
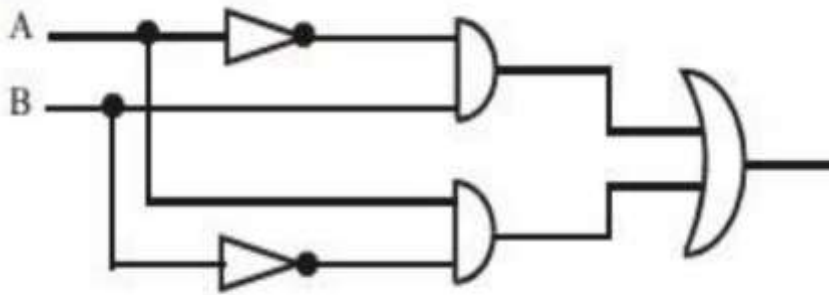12.Obtain logic expression for logic diagram

13.Obtain logic expression for logic diagram

14.Obtain logic expression for logic diagram

15.Obtain logic expression for logic diagram

………..