



KCM WORLD SCHOOL, PALWAL

HOLIDAY HOMEWORK

SUPERB A, B, C & D (VIII)

(2023-24)

Name: _____

Roll No.: _____



IT'S
SUMMER
TIME

Summer vacation will commence from June 1, 2023.

The School will reopen on July 3, 2023.

ENGLISH

The most awaited vacation is about to begin! Summer vacation brings, relaxing afternoons and playful evenings. It also brings a good time to plunge into the sea of imagination and creativity. So let's get ready to learn something new everyday.

Activity

On a chart paper, draw the table shown below and paste it in your room. Then, fill in the details over a week. At the end of the week, read the chart carefully, think about your actions throughout the week and write what you learnt from them in the last column.

Days of the week	Kind words I spoke	Kind actions I did	Words I think were unkind and why	Actions I think were unkind and why	What I could've said and/or done instead	How I can change my behaviour	Today's learning
Monday							
Tuesday							
Wednesday							
Thursday							
Friday							
Saturday							

Project Work

- The activities in this project involve planning a road trip, anticipating the requirements and challenges, doing necessary research and making decisions on its basis, costing and presenting the process before an audience. You may modify/follow this plan. Prepare a PowerPoint presentation on the given project under your parents' supervision.

➤ First Week-

Way to go!

Look at this map closely, Decide on the places that you would like to visit on your road trip. You must choose at least two destinations. Then, on a political map of India, mark:

- your destinations
- the route that you intend to take
- the places where you plan to halt for the night (if applicable)

➤ Second Week-

- **Paint a view!**

Design a travel itinerary for your trip. Mention these points:

- (a) date on which trip begins
- (b) where you plan to halt, if at all
- (c) accommodation at all destinations
- (d) return date

Decorate your travel itinerary as you please.



➤ *Third Week-*

- **Know your spots!**

An important aspect of planning a trip is to know a bit about the destination- landscape, weather, food, language spoken etc.

Use this template to fill in these detail about your destinations.

DESTINATION: _____

CITY/TOWN/VILLAGE: _____

STATE: _____

LANDSCAPE: _____

WEATHER CONDITIONS: _____

STAPLE FOOD: _____

LANGUAGE SPOKEN: _____

FAMOUS FOR: _____

➤ *Fourth Week-*

- **See these sights!**

Now, research any two tourist spots that you are keen to visit on your trip. Use the following template to fill in the details about each.

Paste a picture of each.

NAME OF TOURIST SPOT: _____

ADDRESS: _____

ENTRY FEE: _____

DATE OPEN: _____

HOURS OPEN: _____

WHY I WANT TO VISIT IT: _____

WHAT IT LOOKS LIKE! →

It's Writing Time

- **Read the task given below and answer the following questions.**

Your father has planned to give you the birthday gift that you wished for. He had to use his saving to buy you that gift.

Write a diary entry expressing your feelings.

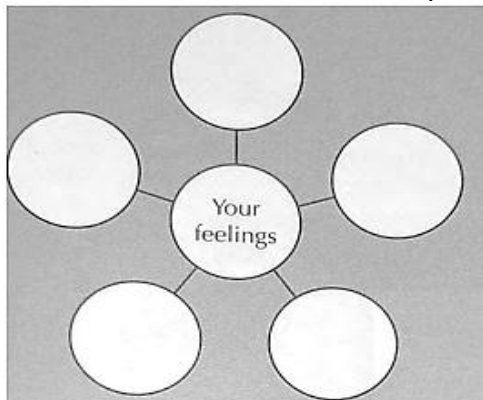
Use a conversational tone.

Remember, The diary is a friend you share your feelings with.

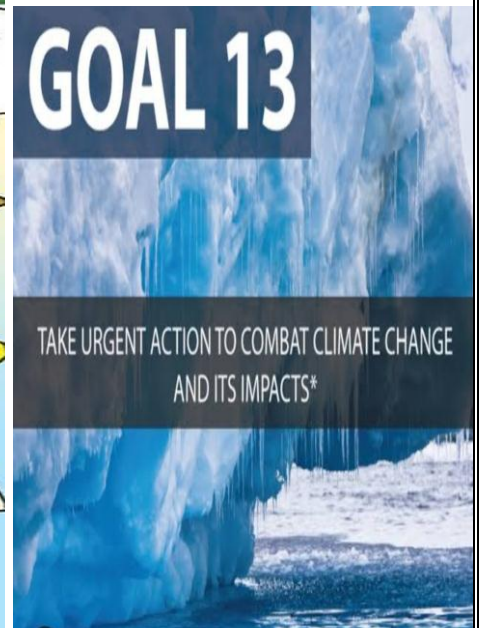
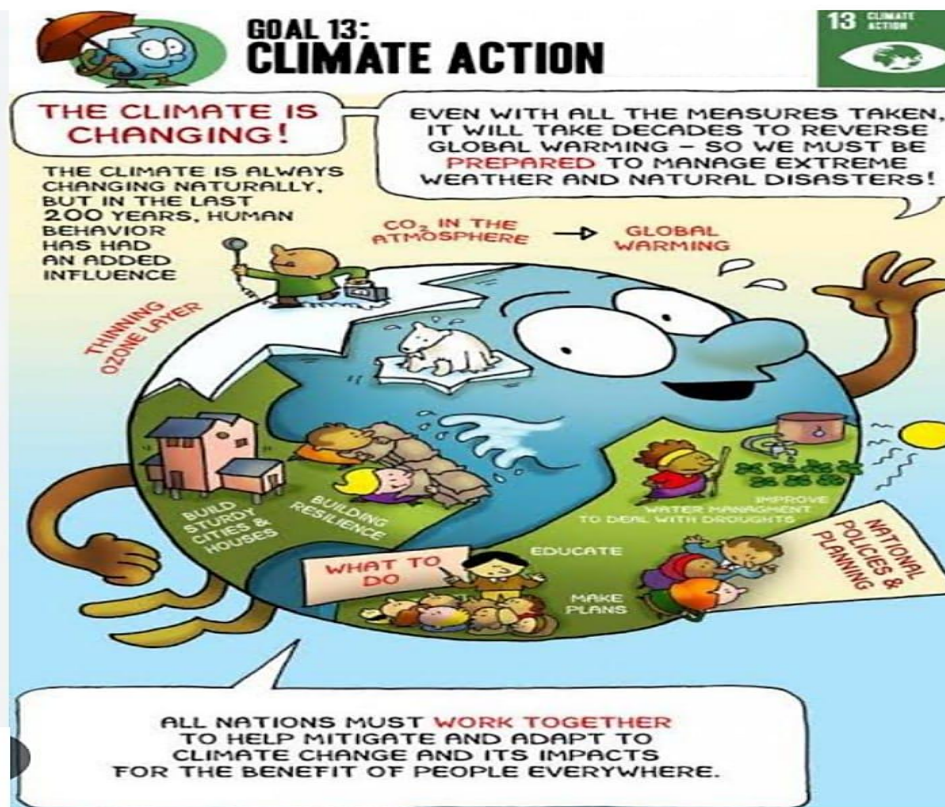
Write it in your fair notebook.

- **Brainstorming ideas**

Write the words in the circles that express your feelings on receiving the gift from your father.



➤ Look at these pictures carefully.



Based on your understanding of these pictures, write a paragraph in 200 words, describing the message that they convey and the actions that we need to take immediately. (Write it in your fair notebook.)

You may use these words.

- climate
- natural disaster
- habitat
- preservation
- rescue
- temperature
- change
- extinct
- Values and Life Skills

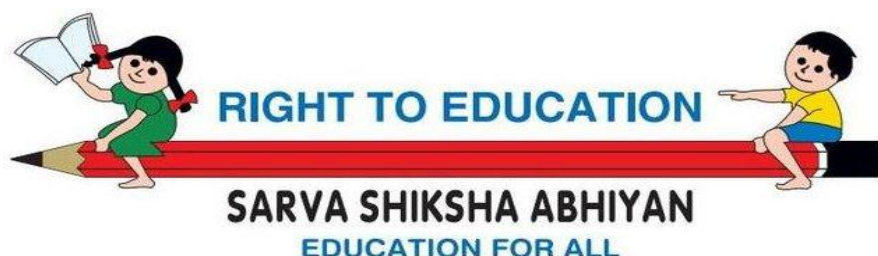
➤ *Values and Life Skills*

RIGHT TO EDUCATION

➤ The Constitution of India guarantees every child the right to education and health.

- What measures would you like to suggest to the government to ensure that every child attends school?
- The National Education Mission (*Samagra Shiksha Abhiyan*) was launched in 2018. Research on the Internet and create your own logo for this programme by the Indian government.

➤ Do it in your fair notebook.



<http://dmnorthwest.delhi.gov.in/scheme/sarve-shiksha-abhiyan/>

Learn Grammar

Try to solve the given Practice Exercises.

➤ **A synonym is a word or phrase that means exactly or nearly the same as another word or phrase in the same language.**

- **Paramount**

(a) very important (b) wide and extensive (c) above others in rank of authority (d) famous

- **Forestall**

(a) avoid (b) frighten (c) prevent (d) disappoint

- **Attachment**

(a) appendage (b) affinity (c) causation (d) influence

- **Spectacle**

(a) panorama (b) pageant (c) mystification (d) show

- **Mendacious**

(a) untruthful (b) irritating (c) provocative (d) misleading

- **Surmount**

(a) overcome (b) capture (c) discount (d) surround

- **Grumble**

(a) to sheer (b) to fight (c) to scold (d) to complain

- **Menial**

(a) dangerous (b) low-paid (c) lowly (d) tough

- **Captivate**

(a) fascinate (b) repel (c) dangerous (d) subjugate

- **Rout**

(a) loss (b) crash (c) death (d) defeat

➤ **An antonym is a word that means the opposite of the other word.**

- **Widely :**

(a) spaciouly (b) succinctly (c) broad based (d) narrowly

- **Mighty :**

(a) forcible (b) forceful (c) weak (d) tough

- **Divided :**

(a) united (b) dignified (c) separated (d) isolated

- **Differences :**

(a) resemblances (b) discrimination (d) dissimilarities (d) agreement

➤ **Underline the correct spelling in each set.**

- achevement, achievement, achievemint
- onvolope, envilope, envelope
- licence, lisense, lisence
- luncheon, lunchaon, lunchion
- atorney, atorneey, attorney
- nuisance, nucianse, nusance

- hinderrance, hinderence, hindrance
- sufficent, suficient, sufficient
- desparate, disperate, desperate
- committee, comitte, committee

➤ **Names the given Phobias.**

- Fear of air - _____
- Fear of blood - _____
- Fear of crowd - _____
- Fear of ghost - _____
- Fear of high places - _____

➤ **In the passage given below, some words are missing. Choose the correct word from the given options.**

Last Sunday, I (a) _____ to the railway station to receive my friend. The train (b) _____ yet. People (c) _____ for it. Some (d) _____ at the tea stall, while others (e) _____ at the bookstall. People (f) _____ for the train for an hour. A derailed goods train blocked the track. I returned home.

- (a) (i) go (ii) went (iii) was going (iv) had gone
- (b) (i) does not arrive (ii) did not arrive (iii) was not arriving (iv) had not arrived
- (c) (i) wait (ii) waited (iii) were waiting (iv) had waited
- (d) (i) stood (ii) stand (iii) were standing (iv) had stood
- (e) (i) had stood (ii) were standing (iii) stood (iv) stand
- (f) (i) had been waiting (ii) had waited (iii) were waiting (iv) waited

➤ **Choose the correct option to complete the given sentences.**

- All the children _____ swimming tomorrow.
(a) go (b) goes (c) will go (d) went
- They _____ hockey.
(a) are playing (b) was playing (c) is playing (d) plays
- For _____ have you bought this beautiful bag?
(a) who (b) whom (c) whose (d) which
- The two women looked at _____ in astonishment.
(a) herself (b) yourself (c) ourselves (d) each other
- Arun and Priya helped _____ to take some juice from the jug on the table.
(a) themselves (b) one another (c) ourselves (d) each other
- Which of the following sentences has been correctly punctuated?
(a) Turn off the television at once. (b) Turn off the television at once!
(c) Turn off the television at once? (d) Turn off the television at once,

➤ **Read each question carefully and tick the correct option.**

- Which of the following sentences uses commas correctly?
 - (a) Mr Malhotra, who lives next door, is a very generous man.
 - (b) Mr Malhotra who lives next door is a very, generous man.
 - (c) Mr Malhotra, who lives next door is a very generous man.
 - (d) Mr Malhotra who lives next door, is a very generous man.
- Which of the following sentences has been correctly written?
 - (a) She eats slow than the other children in the class.
 - (b) She eats slower in the class.
 - (c) She eats slowest than the other children in the class.
 - (d) She eats the slowest in the class.
- Which of the following sentences has been correctly written?
 - (a) Either Nia or her parents water the garden every day.
 - (b) Either Nia or her parents waters the garden every day.
 - (c) Either Nia or her parents is watering the garden every day.
 - (d) Either Nia or her parents has watered the garden every day.

➤ **Identify the independent clause (IC) and the dependent clause (DC) in the sentence given below.**

I think we should head back home before the rains begin.

- IC: before the rains begin
DC: I think we should head back home
- IC: we should head back home
DC: the rains begin
- IC: I think we should head back home
DC: before the rains begin
- IC: head back home before the rains begin
DC: I think

➤ **Read each extract carefully and then answer each question by ticking the correct option.**

- In 1962, a young Peter Berry founded the Delhi Royal Theatre. This year, it becomes the oldest and longest-running theatre in the city. Peter Berry loves his city. The sights, sounds, and smells-they all remind him of his beloved music.

Identify the character and setting in the passage above.

- (a) Peter Berry; Delhi Royal Theatre
 - (b) Peter Berry; Delhi
 - (c) Delhi; Theatre
 - (d) Theatre; city
- Meera loved animals and was looking forward to going to the dog dormitory.
She ran hurriedly. On the way, she heard an agonising wail and knew that it was an injured puppy. She took out her phone and called her father. Together, they began searching till they found it. They took the puppy home and looked after it.

Identify the problem in the passage above.

- (a) Meera calls her father to help her find the puppy and take it home.
- (b) A puppy is injured in a storm, and Meera has to rescue it.
- (c) Meera, an animal lover, volunteers at an animal shelter.
- (d) Meera, an animal lover, runs a dog dormitory with her father.

• **Read each sentence and identify which part of speech is the underlined word.**

- (a) You can come over to my place tomorrow. _____
- (b) This ladder is six feet long. _____
- (c) She placed the painting carefully on the table. _____
- (d) Mother sat with me long into the night. _____
- (d) Why can't you walk straight? _____

हिंदी

- अपने विद्यालय के बारे में बताते हुए अपनी हिंदी की उत्तरपुस्तिका में अपने नानाजी को पत्र लिखिए ।
- **व्याकरण पुष्प-** कार्य प्रपत्र संख्या 1 से लेकर 5 तक पेंसिल द्वारा हल कीजिए ।
- उल्लास - पाठ्य पुस्तक पाठ -10 (क्या नहीं हमारी धरती पर) और पाठ - 11 (हवा) को ध्यानपूर्वक पढ़िए तथा कठिन शब्दों को रेखांकित कीजिए।
- **पाठ्य पुस्तक -** पेज नंबर 118 (सृजन संसार)पर अधूरे संवाद को पूरा कीजिए ।
- **पाठ्यपुस्तक -** पेज नंबर- 35 (सृजन संसार) के अनुसार 'मेरा अध्यापक ऐसा हो' विषय पर उत्तरपुस्तिका में अनुच्छेद लिखिए।
- ग्रीष्मावकाश लेख में सुधार लाने का एक सुंदर अवसर है ।आइए अपने लेख को सुधारने के लिए अपनी अभ्यास पुस्तिका में समाचार पत्र के माध्यम से 20 पेज सुलेख लिखने का प्रयास कीजिए।

➤ **निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए-**

- क. आत्मा _____
- ख. भय _____
- ग. संसार _____
- घ. लता _____

➤ **निम्नलिखित शब्दों के विलोम शब्द लिखिए-**

- क. अंधकार _____ ख. अधिक _____
- ग. अनुराग _____ घ. आग्रह _____

➤ **निम्नलिखित वाक्यों में प्रयुक्त विशेषण शब्द पहचानिए-**

- क. मीना साहसी लड़की है। _____
- ख. बाज़ार से कुछ आम ले आओ। _____
- ग. मेले में प्रतिदिन अनेक लोग जाते हैं। _____
- घ. मेरी माँ आ रही है। _____

- सही भाववाचक संज्ञा शब्द से रिक्त स्थानों की पूर्ति कीजिए-
- क. मेघा की ----- बहुत साफ़ है। (लिखना)
- ख. नौकर की ----- देखकर मालिक ने उसकी प्रशंसा की। (ईमानदार)
- निम्नलिखित समस्त पदों का विग्रह करके समास का नाम लिखिए-
- क. देश निकाला -----
- ख. विषधर -----
- ग. यथाशक्ति -----
- संधि विच्छेद कर संधि का नाम भी लिखिए-
- क. मनोविनोद -----
- ख. लोकोक्ति -----
- ग. उज्ज्वल -----
- घ. राजर्षि -----
- ङ. प्रत्येक -----
- निम्नलिखित अशुद्ध शब्दों को शुद्ध करके लिखिए-
- क. नच्छत्र -----
- ख. परिक्षा -----
- रिक्त स्थान में उचित कारक भरिए-
- जटायु ----- मृत्यु ----- समाचार सम्पाती शोक ----- डूब गया उस ----- बताया कि जटायु
उस ----- छोटा भाई था। उस ----- जटायु ----- मृत्यु ----- कारण पूछा तो अंगद-----
सारी घटना सुनाई।
- वर्ण विच्छेद कीजिए-
- क. पर्यावरण -----
- ख. कलाभिज्ञ -----
- ग. श्रीमान -----
- घ. भक्षक -----
- तत्सम और तद्भव शब्दों को मिलाइए-
- क. कंटक छाता
- ख. ओष्ठ ऊँट
- ग. कूप काँटा
- घ. छत्र कुआँ
- ङ. उष्ट्र होंठ

➤ वाक्यों के लिए उपयुक्त शब्द चुनिए-

- क. आकाश में काले - काले ----- छा गए । (मेघ, नीरद)
 ख. मेरी ----- है कि मैं जग में नाम कमाऊँ। (लालसा, अभिलाषा)
 ग. उसके ----- से अश्रुधारा फूट पड़ी। (चक्षु, नेत्रों)
 घ. वीर योद्धा----- भूमि में पीठ नहीं दिखाते। (रण ,संग्राम)
 ङ शिवजी पर बेल ----- चढ़ाए जाते हैं।(पत्र ,पर्ण)

➤ निम्नलिखित शब्द युग्मों से वाक्य बनाइए-

- क. ग्रह -----
 गृह -----
 ख. उदार -----
 उधार -----
 ग. अवधि -----
 अवधी -----
 घ. दीप -----
 दवीप -----

➤ निम्नलिखित शब्दों के अनेक अर्थ लिखिए-

- क. भेद -----
 ख. मुद्रा -----

➤ निम्नलिखित शब्दों में से उपसर्ग और मूल शब्द अलग कीजिए-

- क. उपहार -----
 ख. बदनाम -----
 ग. खुशबू -----
 घ. अधजला -----
 ङ. अवगुण -----

➤ निम्नलिखित वाक्यों में से सर्वनाम की पहचान कर उसका भेद लिखिए-

- क. हमने तो उसे खुश होते कभी नहीं देखा। -----
 ख. तुमने जो कुछ खिलाया वह सिर झुका कर खा लिया।-----
 ग. देखूँ कैसे ले जाता है ? -----
 घ. वह बहुत धीमें बोलता है। -----

• स्वीकृतिबोधक शब्द कौन-सा है?

- क. जी हाँ ख. सावधान ग. हे राम घ. शाबाश

- "पालक" में मूल शब्द है -
 क. पाल ख. पाला ग. पालक घ. प्लाक
- अव्ययीभाव समास का पहला शब्द है-
 क. अव्यय ख. समास ग. भाव घ. शब्द
- किस समास में योजक चिह्न लगता है?
 क. द्विगु ख. द्वंद ग. कर्मधारय घ. तत्पुरुष
- इनमें से आगत ध्वनि वाला शब्द है-
 क. बिंदु ख. जमीन ग. फल घ. कंगन
- वाक्य के कितने अंग होते हैं?
 क. दो ख. तीन ग. चार घ. एक
- 'घी के दिए जलाना' मुहावरे का क्या अर्थ है?
 क. काम बिगाड़ देना ख. पुरानी बातें दोहराना
 ग. नुकसान करना घ. खुशियाँ मनाना
- 'यथाशक्ति' का उचित विग्रह होगा-
 क. शक्ति के अनुसार ख. शक्ति अनुसार के
 ग. शक्ति अनुसार घ. शक्ति के साथ
- 'प्रत्येक' शब्द का संधि विच्छेद है-
 क. प्रत्ये + क ख. प्रति + एक
 ग. प्रति + के घ. प्रत्यय + एक
- क वर्ग में आने वाला वर्ण कौन - सा है?
 क. अ ख. क
 ग. च घ. सभी
- निम्नलिखित में से कौन- सा स्वर है?
 क. इ ख. स ग. व घ. ह
- 'महिला' शब्द का बहुवचन होगा-
 क. महिलाओं ख. महिला विंग ग. महिलाएँ घ. कोई नहीं
- समय पर अपना कार्य करने वाले के लिए विशेषण लगता है-
 क. परिश्रमी ख. बुद्धिमान ग. नियमित घ. सामयिक

MATHEMATICS

➤ Solve the given sums in your PC and write the answer here.

- If $x = \sqrt[3]{1+3+5+7+\dots+53}$, then the value of x is _____.

- The sum of additive inverse and multiplicative inverse of 5 is _____.
- The total numbers lying between 1 and 200 which are divisible by either 2, 3 or 5 is _____.
- Arrange the following rational numbers in ascending and descending order:
 $-\frac{7}{10}, \frac{5}{-8}, \frac{2}{-3}$ _____
- If $3\frac{x}{7} \times 2\frac{y}{5} = 10$, then the value of x and y respectively are _____.
- Write 3 rational numbers lying between $-\frac{3}{4}$ and $\frac{1}{2}$. _____
- A man read $\frac{3}{8}$ th of a book on one day and $\frac{4}{5}$ th of the remainder on another day. If there were 30 pages unread, the total number of pages the book contains is _____.
- If $(\sqrt{3})^7 \times 9^3 = 3^y \times 9\sqrt{3}$, then y is equal to _____.
- When simplified, $(x^{-1} + y^{-1})^{-1}$ is equal to _____.
- If $\sqrt{2^n} = 64$, then the value of n is _____.
- If $2^{0.2} \times 64 \times 8^{1.3} \times 4^{0.2} = 8^x$, then the value of x is _____.
- If $3(x-2)^2 = 507$, then x can be _____.
- The population of a city is 3.2×10^6 . If there are 8×10^5 children, then the number of adults is _____.
- $\frac{4\sqrt[3]{81} + 5\sqrt[3]{375} - 3\sqrt[3]{192}}{5\sqrt[6]{9}}$ on simplifying is _____.
- The square root of $(272^2 - 128^2)$ is _____.
- If $\frac{4050}{\sqrt{x}} = 450$, then x equals _____.
- The least number that should be subtracted from 1385 to make it a perfect square is _____.
- A General wishes to draw up his 7500 soldiers in the form of a square. After arranging, he found that some of them are left out. The number of soldiers left out are _____.
- The perimeters of two squares are 40 m and 96 m respectively. The perimeter of another square having an area equal to the sum of areas of first two squares is _____.
- The least perfect square number divisible by 3,4,5,6 and 8 is _____.
- The smallest number which must be added to 710 so that the sum becomes a perfect cube is _____.
- The cube of a number is 8 times the cube of another number. If the sum of cubes of these numbers is 243, then the difference between the two numbers is _____.
- Three numbers are in the ratio 1:2:3. The sum of their cubes is 246924, the largest number is _____.

- The least number by which 25920 must be divided to make it perfect cube is _____.
- If $M = \sqrt[3]{\sqrt[3]{p^{18}}}$, then M equals _____.
- $3 - 3 + 3 - 3 + \dots + 101$ terms = _____.
- The product of any three consecutive natural numbers is always divisible by _____.
- A four- digit number $4xy5$ is divisible by 55. Then, the value of $y - x$ is _____.
- The value of $\sqrt[3]{\sqrt[4]{4096}}$ on simplifying is _____.
- If $(1+2+3+\dots+50) = 1275$ and $(46+47+48+\dots+99) = 3915$, then the result of $(1+2+3+\dots+97+98+99)$ is _____.

Note- Write and learn squares of 1 to 40 and cubes of 1 to 20.

Science

PHYSICS

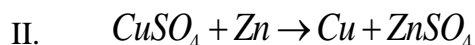
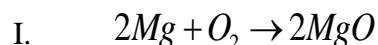
- Make a simple **working model** of **Electroscope**. (Roll No. 1-22)
Make a **3D model** to show any **3 types of forces**. (Roll No.- 23 onwards)

NOTE-

- Solve the **Olympiad/HOTS Corner** (Page no.-19) given in course book in your practice copy.
- Revise the syllabus of May month from fair notebook.
- Learn short answer type questions (1-10) from course book (page number-16).

CHEMISTRY

- Oxidation is the process of gaining of oxygen, or losing of hydrogen. Reduction is the process of losing of oxygen or gaining of hydrogen. The substance which undergoes oxidation is the reducing agent while the substance which undergoes reduction is known as the oxidising agent. Oxidation and reduction always take place together and these types of reactions are known as redox reactions. Some of the examples of redox reactions are given below:



- Give two examples of oxidation reaction from your everyday life.

- Write the oxidising agent in the reaction III and VI. _____

- Which of the following is an oxidising agent? _____

(a) $LiAlH_4$ (b) Alkaline $KMnO_4$ (c) Acidified $K_2Cr_2O_7$ (d) Both (b) and (c)

- Out of oxidation and reduction, which reaction takes place at anode? _____

➤ **Tick the correct option:**

- Which reaction represents chemical combination?

(a) $2NaHCO_3 \rightarrow Na_2CO_3 + H_2O + CO_2$	(b) $CaO + H_2O \rightarrow Ca(OH)_2$
(c) $CuSO_4 + Fe \rightarrow FeSO_4 + Cu$	(d) $AgNO_3 + NaCl \rightarrow AgCl + NaNO_3$
- The process of separating a mixture of two or more liquids with different boiling points is called

(a) filtration	(b) distillation	(c) fractional distillation	(d) decantation
----------------	------------------	-----------------------------	-----------------
- Loss of electrons occurs when an element is _____.

(a) reduced	(b) oxidized	(c) reduced and oxidised	(d) none of the above
-------------	--------------	--------------------------	-----------------------
- Name the state of matter in which the particles move randomly because of a fragile force of attraction.

(a) Solid	(b) Liquid	(c) Gas	(d) All of these
-----------	------------	---------	------------------
- **Which of the following phenomena would increase on raising the temperature?**

(a) Evaporation, Diffusion and Expansion of Gas
(b) Solubility, Evaporation, Diffusion and Expansion of Gas
(c) Evaporation, Diffusion and Compression of Gas
(d) Diffusion, Compression of Gas and Expansion of Gas

➤ **Answer the following questions briefly:**

- What happens when you spew acetone on your palm?

- We found a water sample under study to boil at 102°C at standard temperature and pressure. Is the water pure? Will this water freeze at 0°C ? Comment.

- What is the role of ultraviolet rays in the purification of water in modern water purifiers?

- An element forms an oxide A_2O_5 .

(i) What is the valency of the element A? _____
(ii) What will be the formula of the chloride of the element? _____
- Can a rubber band change its shape on stretching? Is it a solid?

- An element shows variable valencies 4 and 6. Write the formulae of its two oxides.

- Which gas is called dry ice? Why?

➤ **Name the following.**

- The electrolyte used during electroplating an article with silver. _____
- Two miscible liquids which can be separated by fractional distillation. _____

- A reaction which proceeds with the absorption of heat energy. _____

- Read and learn all the separation techniques from Ch-2 (Matter and its classification).
- Learn the names, symbols, and atomic numbers of first 30 elements of periodic table.
- Learn Practice Questions of Ch-2 and Ch-3.

BIOLOGY

➤ **Choose the correct answer for the following questions:**

- Which of these is not stated by the cell theory?
 - (a) Cells are the basic structural units of living organisms.
 - (b) All cells are identical.
 - (c) New cells are formed due to division in old cells.
 - (d) The way an organism functions depends on the way the cells work.
- Which of these is multicellular?
 - (a) *Paramecium*
 - (b) *Amoeba*
 - (c) Bacteria
 - (d) Mushroom
- Which of these microorganisms can produce their own food?
 - (a) *Rhizopus*
 - (b) *Amoeba*
 - (c) *Bacilli*
 - (d) *Chlamydomonas*
- A scientist observes a drop of pond water under an electron microscope. He sees a micro-organism with no specific cell structure. Which of these can it be?
 - (a) *Virus*
 - (b) *Fungi*
 - (c) Algae
 - (d) Protozoa

➤ **Fill in the blanks with the appropriate terms-
Protoplasm, gene, DNA, cell wall, chromosomes, cell membrane, chromatin fibres, inheritance, nucleus, cytoplasm**

The outermost layer of plant cell is the _____ beneath which is the _____. The term _____ refers to the jelly like substance containing _____ and _____.
 The nucleus contains thread like structures called _____ which condenses to form _____. Chromosomes contain _____. The functional segment of DNA is _____ which is basic unit of _____.

➤ **Guess who am I?**

- I am like a policeman. I don't allow anything and everything to get in and out of the cell. _____
- I transfer characters from parents to offsprings. _____

➤ **Classify the following terms into cells, tissues and organ. Write in the tabular column given below-
RBC, Brain, WBC, Bone, Blood, Heart, Hand, Nerve cell, Muscle**

Cell	Tissue	Organ

➤ **Answer the following questions-**

- How does growth in an organism occur- by growth in the size of cells or by growth in the number of cells?

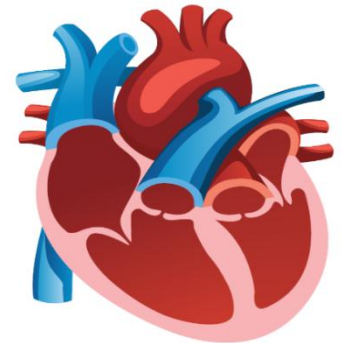
- In a multicellular organism, all cells have the capability to perform all life functions. Do you agree? Give reasons.

- Which type of microorganisms are usually used in vaccine?

- The size of the cells of an organism has no relation with the size of its body. Do you agree? Give reason for your answer.

PROJECT: THE HUMAN HEART

K-W-L CHART



- **Find books about the human heart. Spend a few minutes flipping through the books. Then fill in the first two columns of the chart below. Fill in the last column after you have done your research.**

WHAT I KNOW	WHAT I WANT TO KNOW	WHAT I LEARNED

SCIENCE RESEARCH: HEART

- What does the heart look like?

- What does the heart do?

- What is the heart made up of?

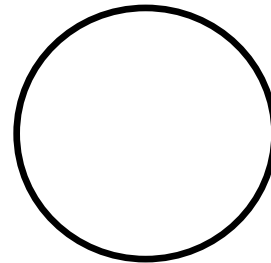
- How does the heart sound?

- What are blood vessels?

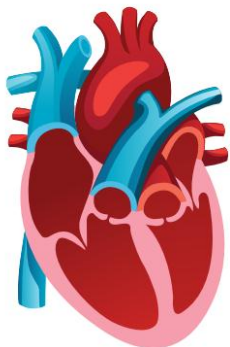
- How do you keep your heart healthy?

➤ **TAKING CARE OF THE HEART**

Draw different ways to take care of the heart. Describe each drawing.



TOPIC: HUMAN HEART



Key Points: _____

Summary: _____

SOCIAL SCIENCE

➤ **Choose the correct answer:**

- Jews were prosecuted in Germany by
A) Mussolini B) Hitler C) Czars D) Louis Blanc
- In non-Muslims are not allowed to build a temple or church
A) Saudi Arabia B) China C) America D) India
- The..... Amendment of the U.S Constitution prohibits the legislature from making laws.
A) 5th B) 1st C) 2nd D) 5th
- Secularism means.....
A) Pre - religion B) anti religion C) irreligious D) neutral in religious matters
- An example of a multi religious country is
A) Pakistan B) India C) Nepal D) Saudi Arabia
- Which political party makes its agenda based on Hinduism?
A) BJP B) BSP C) INC D) Janata Dal
- What does refer to the state's effort to influence a particular matter in accordance with the principle of Constitution?
A) Intervene B) Coercion C) Mediation D) None of these
- Name the sacred city of Muslims?
A) Haridwar B) Makka Madina C) Dwaraka D) Mathura
- Who among the following is the Guru of Sikhs?
A) Guru Nanak B) Mahavira C) Zoroaster D) Gautama Buddha
- Where do Christians go for prayer?
A) Temple B) Church C) Mosque D) Gurudwara
- Which community in Indian society cannot be forced to wear Helmet as they wear Turbans?
A) Muslims B) Buddhist C) Christians D) Sikhs
- In which country most children in the government schools have to begin their school day reciting 'Pledge of Allegiance'
A) France B) India C) UK D) USA
- Which of the following is the view of Jainism?
A) Satya Sodhak B) Khalsa C) Digamber D) Santan Dharm
- Which of the following is festival of Muslims?
A) Baisakhi B) Ramzan C) Guruparva D) Diwali
- In which year and month France passed a law which banned wearing any conspicuous religious or political signs.
A) In feb 2004 B) In feb 2005 C) In March 2006 D) In Jan 2008
- What is celebrated on 2nd October of every year?
A) Christmas Day B) Children's Day C) Gandhi Jayanti D) Diwali

- What do cannot do in government schools?
 - A) Sing National Anthem
 - B) Sing Rastriya Geet
 - C) Celebrate any religious festival
 - D) None of these
- As India is a secular country, its government
 - A) Allows the citizens to practice and preach any religion of their choice.
 - B) Ban things done in the name of religion that violate the rights of some citizens.
 - C) Gives grants to religious institutions.
 - D) Celebrates religious festivals in the offices.
- A nation which has an elected person as its head is called a
 - A) Republic
 - B) Monarchy
 - C) Non-democratic country
 - D) None of these
- Right to reside in any part of the country is a part of the
 - A) Right to equality
 - B) Right to freedom
 - C) Right against exploitation
 - D) Cultural and educational rights

II. Fill in the blanks:

- _____ refers to the separation of religion from the State.
- In India, government spaces like _____ and _____ are not supposed to display or promote any one religion.
- The Indian State recognizes that wearing a _____ (pagri/turban) is central to a Sikh's religious practice.
- Indian Secularism works to prevent the domination through a strategy of

III. Match the following:

Group-A

- Preamble
- Right to Property
- Concurrent List
- Sovereign
- Secular

Group-B

- a) Made as legal right
- b) Opening statement of the constitution
- c) Not associated with any religion
- d) Education, population control
- e) Independent and freedom to govern oneself

➤ **Collect information on any four building of the British Period in your city on an A4 sheet. You should include:**

1. Location of the building.
2. Period of Construction.
3. Material used.
4. Architectural Design.

Sanskrit

- जैसे वृक्ष छाया और फल देते हैं, चिकित्सक रोगियों का इलाज करता है, वैसे ही समाज की भलाई में अन्य किसकिसका का योगदान होता है-, संस्कृत में सरल वाक्यों में लिखिए। जैसेप्रकाशाय भवति। :सूर्य -
 - एक पूरा दिन निश्चित कीजिए जिसमें आप सभी मित्र एक-दूसरे को संबोधन कारक का प्रयोग करते हुए संस्कृत में संबोधित करेंगे। दस उदाहरण अपनी उत्तर पुस्तिका में भी लिखिए।
 - भगवद्गीता के कोई पाँच श्लोक अर्थ सहित उत्तरपुस्तिका में लिखिए।
 - दैनिक जीवन में प्रयोग होने वाली किन्हीं दस घरेलू वस्तुओं के नाम चित्र सहित संस्कृत में लिखिए।
 - 1 से 100 तक संस्कृत संख्यावाची शब्द उत्तरपुस्तिका में लिखिए व याद करिए।
- नोट-** समस्त कार्य संस्कृत की उत्तरपुस्तिका में करना है।

Computer

- Write a slogan on “*Spoofing*” under the theme “*Stay Safe Online*” on A4 size sheet

ART & CRAFT

Dear Parents

Kindly use the link given below (shared in the WhatsApp group also) and help your ward to make Jute Basket (For grade 8A), Paper Mache Plate (For grade 8B), Flower Vase (For grade 8C) & Decorative Bottle (For grade 8D) to be submitted alongwith holiday homework booklet.

Grade 8A- <https://youtu.be/EM1CY6yE9x4>

Grade 8B- <https://youtu.be/243q8IPevnk>

Grade 8C- https://youtu.be/m6_clc6X-b4

Grade 8D- <https://youtu.be/IIssiq9OFR4grade>

NOTE : Parents are requested to ensure that the students complete all the assignment sheets given to them alongwith this booklet during Summer Vacation.