

KENDRIYA VIDYALAYA SANGATHAN

LEH LADAKH

CLASS VI

Winter vacation homework 2022

- ✓ All question must be done in the most creative, accurate and innovative manner
- ✓ All the homework or activities must be done in civics notebook only.
- ✓ Usage of pictures and graph is compulsory for the activities.
- ❖ Read and learn all the chapters

Q1. Draw a neat diagram of the solar system and write short note on each planet.

Q2. Compare Kerala and Ladakh bringing out their social, economic and cultural Diversities.

Q3 . Mark the 7 continents and 5 oceans, on a political map of the world.

Q5. Write 2 MCQ from all the chapters (history, geography and civics)

Activity–1: Map Work

On a river map of India, mark the following rivers (refer to atlas and chapter last chapter of geography)

- River Kaveri
- River Godavari
- River Mahanadi
- River Krishna
- River Brahmaputra
- River Ganga
- River Yamuna
- River Tapi

Activity–2 :

Very often old buildings have a story to tell. Find out from your Parents/grandparents or identify any one old building in your surroundings. Try to find information about its architecture,

Material used, when and by whom it was built etc. Also write About who looks after those buildings now? Students can do this Activity in their notebook.

Activity-3 : Debate

Topic: Migration from rural to urban areas in India is justified or not.

Give your views in favour or against citing few examples

Activity-3 : Complete the Table

Note: Make the following table in your notebooks and complete

it-

Officers Duties	
SHO (Station House Officer)	
Patwari	
Tehsildar	

KENDRIYA VIDYALAYA SANGATHAN

LEH LADAKH

CLASS IX

Winter vacation homework 2022

All question must be done in the most creative, accurate and innovative manner

All the homework or activities must be done in civics notebook only.

Usage of pictures and graph is compulsory for the activities.

❖ Read and learn all the 5 chapters

Q1. In a political map of India mark and label the –

All the states of India and their Capital

Q2. DO 10 MCQ from each chapter

Q3. What are the six major fundamental rights in the constitution of India? What makes Fundamental rights the most important and valued rights for the citizens? (with their Articles)

Q4. Why do we need two houses in the Parliament?

Q5. Explain how the legislature exercises a check on the executive.

Q6. Discuss features of FPTP that make it ideal for India?

Q7. Democracy has expanded through the 20th century. Explain with examples.

Q9. What steps were taken by Robert Mugabe in Zimbabwe to remain in power?

Q10. Explain the different key words used in the Preamble of the Indian Constitution

Q11. The South African Constitution inspires democrats all over the world” Comment.

Q12. Write a brief note on the following personalities.

(a) Jawaharlal Nehru

(b) Sarojini Naidu

(c) Bhimrao Ramji Ambedkar

Q13. How can you say that the outcome of elections is a final test of free and fair elections? Explain

14. How did the Constituent Assembly work to prepare the Constitution for India?
15. Who was Lech Walesa? How did he become famous in Poland?
16. Distinguish between Pinochet's rule in Chile and the Communist rule in Poland.
17. How does democracy improve the quality of decision making?

→ Project: Prepare a project file on any one topic from the book

The project should include the following:

Minimum 5 pages

Clear and related pictures

KENDRIYA VIDYALAYA, LEH (LADAKH)

WINTER VACATION 70 DAYS HOMEWORK (2022-23)

CLASS- X (GEOGRAPHY)

Q1 Make any one Art Integrated Project on any one topic using art i.e., drawing, painting, sketching etc. (ONLY ONE TOPIC)

(i) Resources of Ladakh (ii) Water resources of Ladakh (iii) Agriculture of Ladakh (iv) Minerals and Energy resources of Ladakh (v) Manufacturing Industries of Ladakh (vi) Economy of Ladakh

Q2 Write all mapping from Geography i.e., India Mapping.

Q3 Write all Information given in boxes i.e. Let's do or do you know.

Q4 Describe classification of Soils with suitable examples.

Q5 Discuss the resource planning in India.

Q6 Discuss Land Utilization and Land resources of India.

Q7 Describe different types of species as per IUCN.

Q8 Describe multipurpose river projects of India.

Q9 Describe types of farming.

Q10 Describe any five major crops of India.

Q11 Describe classification of minerals.

Q12 Write differences b/w ferrous & Non-ferrous minerals.

Q13 Describe Energy resources of India.

Q14 Discuss factors affecting of Industrial location.

Q15 Write short note on Industrial pollution and Environmental Degradation.

Q16 Discuss means of transport & describe also with examples.

KENDRIYA VIDYALAYA, LEH (LADAKH)

WINTER VACATION 70 DAYS HOMEWORK (2022-23)

CLASS- X (GEOGRAPHY)

Q1 Make any one Art Integrated Project on any one topic using art i.e., drawing, painting, sketching etc. (ONLY ONE TOPIC)

(i) Resources of Ladakh (ii) Water resources of Ladakh (iii) Agriculture of Ladakh (iv) Minerals and Energy resources of Ladakh (v) Manufacturing Industries of Ladakh (vi) Economy of Ladakh

Q2 Write all mapping from Geography i.e., India Mapping.

Q3 Write all Information given in boxes i.e. Let's do or do you know.

Q4 Describe classification of Soils with suitable examples.

Q5 Discuss the resource planning in India.

Q6 Discuss Land Utilization and Land resources of India.

Q7 Describe different types of species as per IUCN.

Q8 Describe multipurpose river projects of India.

Q9 Describe types of farming.

Q10 Describe any five major crops of India.

Q11 Describe classification of minerals.

Q12 Write differences b/w ferrous & Non-ferrous minerals.

Q13 Describe Energy resources of India.

Q14 Discuss factors affecting of Industrial location.

Q15 Write short note on Industrial pollution and Environmental Degradation.

Q16 Discuss means of transport & describe also with examples.

Q17 Write questions and answers of 15 sample papers of Geography.

KENDRIYA VIDYALAYA LEH LADAKH
WINTER VACATION HOMEWORK (2022-23)
(12th CIVICS)

1. ASSIGNMENT:

*Solve the question paper of previous 5 years CBSE Board Examination.

*Solve the 10 set of sample paper

* Revise and practice all the questions of last 10 year given in the app mycbseguide.com with proper learning and revise the whole syllabus.

* Do map practice.

Extra Question

Q1. "Both Belgium and Sri Lanka are democracies but they follow different systems of power sharing." Support the statement by giving three points of difference.

Q2. State difference between the local government before and after the constitutional amendment in 1992.

Q3. Mention different aspects of life in which women are discriminated or disadvantaged in India.

Q4. Why modern democracies cannot exist without political parties?

Q5. Name the national political party which gets inspiration from India's ancient culture and values. Mention four features of that party

Q6. Nearly every one of the state parties wants to get an opportunity to be a part of one or the other national level coalition." Support the statement with arguments.

Q7. Explain the role of democratic governments in reducing economic disparities.

Q8. Democracy is seen to be good in principle, but felt, to be not so good in practice.' Justify the statement with suitable arguments.

KENDRIYA VIDYALAYA LEH

Holiday Homework

Social Science Class 10

Winter Vacation Homework(Economics)

- Read all four chapters form NCERT Book of Economics
- Prepare short notes of all chapters on your Economics Notebook for revision.
- Learn NCERT questions of all Chapters.
- Prepare one Art Integrated Project on the topic 'Sectors of Indian Economy'. Pictures, data, flowcharts and creative writing must be part of the project (It may be upto 10 pages)
- All this work will be checked after the end of winter vacation.

HAPPY LEARNING.....

KENDRIYA VIDYALAYA LEH LADAKH

HOLIDAY HOMEWORK

SUBJECT- SCIENCE

1. Collect pictures of herbivores, carnivores, and omnivores. Paste them on a chart paper to make a colorful collage. Write the name of each animal below its picture.
2. Write information about famous scientist and father of Green revolution.
3. Draw the mind map of components of food.
4. In what ways scavengers useful to the environment?
5. List three adaptations of camel.
6. The movement of some parts of your body are not within your control. Write any two such parts.
7. Make a list of any two food items prepared in your home. And find out the ingredients used to make each of them.
8. While playing a cricket, why should a batsman wear a helmet?
9. The height of a person is 1.65 m. Express it into cm and mm.
10. While measuring the length of a knitting needle, the reading of the scale at one end is 3.0 cm and at the other end is 33.1 cm. What is the length of the needle?
11. "Types of motion". Collect and paste the pictures in A4 sheet.
12. Write names of ten devices for measurement and its Uses. 5. Make a table of multiples and submultiples with its prefixes.
13. Arrange the following lengths in their increasing magnitude: 1 Metre, 1 Centimetre, 1 Kilometre, 1 Millimetre
14. Write the similarities and the differences between the motion of a bicycle and a ceiling fan that has been switched on.
15. Why can't you use elastic measuring tape to measure distance? What will be the problems you'll face when measuring using an elastic measuring tape?
16. Why should we wear cotton clothes in summer?
17. Which material is used for making gunny bags and why?
18. How silk is obtained from silkworm?
19. What type of climate is needed to grow jute?
20. Write the following fibres as natural or synthetic: wool, nylon, cotton, silk, polyester, jute, linen, coir, and acrylic.
21. Why we wear different type of cloths in different seasons?
22. Knitting is another name for weaving .Do you agree. Give reasons. 9.In which states of India, cotton is grown.
23. Solve chapter number 12,13,14,and 15 in your notebook and learn it.
24. Make a project on following topics
 - A. Methods of separation of mixtures

B. Water cycle

C. Vermicomposting

KENDRIYA VIDYALAYA LEH

ARTS AND CRAFTS HOMEWORK

CLASS 6

1. DRAW 2 PAINTINGS BASED UPON TWO DIFFERENT FOLK ARTS
2. MAKE 2 DIFFERENT CRAFT WORKS SUCH AS PEN STAND, FLOWER POT ETC. MADE FROM WASTE MATERIAL.
3. PAINTING WITH FRAME: ONE PORTRAIT OR LANDSCAPES PAINTING WITH HANDMADE FRAME.
4. COMPLETE YOUR SUBJECT RELATED ART INTEGRATED PROJECT AND COMPILED ALL SUBJECT RELATED WORK IN ONE FILE.

CLASS 7

1. DRAW 2 PAINTINGS BASED UPON TWO DIFFERENT FOLK ARTS
2. MAKE 2 DIFFERENT CRAFT WORKS SUCH AS PEN STAND, FLOWER POT ETC. MADE FROM WASTE MATERIAL.
3. PAINTING WITH FRAME: ONE PORTRAIT OR LANDSCAPES PAINTING WITH HANDMADE FRAME.
4. COMPLETE YOUR SUBJECT RELATED ART INTEGRATED PROJECT AND COMPILED ALL SUBJECT RELATED WORK IN ONE FILE.
5. STILL LIFE STUDY OF DIFFERENT OBJECTS WITH COLOURS.

CLASS 8

1. DRAW 2 PAINTINGS BASED UPON TWO DIFFERENT FOLK ARTS
2. MAKE 2 DIFFERENT CRAFT WORKS SUCH AS PEN STAND, FLOWER POT ETC. MADE FROM WASTE MATERIAL.
3. PAINTING WITH FRAME: ONE PORTRAIT OR LANDSCAPES PAINTING WITH HANDMADE FRAME.
4. COMPLETE YOUR SUBJECT RELATED ART INTEGRATED PROJECT AND COMPILED ALL SUBJECT RELATED WORK IN ONE FILE.
5. ONE OUTDOOR STUDY / NATURE STUDY AND ONE STILL LIFE STUDY OF HOUSEHOLD OBJECTS WITH COLOURS.

CLASS 9

- 1 DRAW 2 PAINTINGS BASED UPON TWO DIFFERENT FOLK ARTS
2. MAKE 2 DIFFERENT CRAFT WORKS SUCH AS PEN STAND, FLOWER POT ETC. MADE FROM WASTE MATERIAL.
3. PAINTING WITH FRAME: ONE PORTRAIT OR LANDSCAPES PAINTING WITH HANDMADE FRAME.
4. COMPLETE YOUR SUBJECT RELATED ART INTEGRATED PROJECT AND COMPILED ALL SUBJECT RELATED WORK IN ONE FILE.
5. ONE OUTDOOR STUDY / NATURE STUDY AND ONE STILL LIFE STUDY OF HOUSEHOLD OBJECTS WITH COLOURS

CLASS 10

- 1 DRAW 2 PAINTINGS BASED UPON TWO DIFFERENT FOLK ARTS
2. MAKE 2 DIFFERENT CRAFT WORKS SUCH AS PEN STAND, FLOWER POT ETC. MADE FROM WASTE MATERIAL.
3. PAINTING WITH FRAME: ONE PORTRAIT OR LANDSCAPES PAINTING WITH HANDMADE FRAME.
4. COMPLETE YOUR SUBJECT RELATED ART INTEGRATED PROJECT AND COMPILED ALL SUBJECT RELATED WORK IN ONE FILE.
5. ONE OUTDOOR STUDY / NATURE STUDY AND ONE STILL LIFE STUDY OF HOUSEHOLD OBJECTS WITH COLOURS

KENDRIYA VIDYALAYA,LEH

Homework for winter vacations

CLASS – 6th

SUBJECT -MATHS

- Solve and revise the entire chapter in separate notebook.
- First do revision from chapter 8 to 14 than chapter 1 to 7
 - Learn and write tables from 1 to 20
 - Learn formulae of area, perimeter of different shapes.
 - Learn to convert the units given below:
 - A) Meter into centimeter
 - B) Km in meter
 - C) Kilogram into gram
 - D) Gram into milligram
 -
- Solve your P.T.1, half yearly and P.T.2 papers.

TEACHER – vinay

MATHEMATICS

HOLIDAY HOMEWORK

CLASS 7

- Attempt all the exercises from chapter 7 onwards. Mark all your doubts from the exercises.
- Learn table from 1 to 30.

Practice the below questions-

Question 1

Complete the following.

a) $\frac{5}{20} = \frac{\quad}{4}$

b) $\frac{10}{20} = \frac{\quad}{4}$

c) $\frac{15}{20} = \frac{\quad}{20}$

Question 2

Solve the following.

a) $16 \div 2 = \underline{\quad}$ and $62 \times \frac{1}{2} = \underline{\quad}$

b) $18 \div \frac{1}{2} = \underline{\quad}$ and $19 \times 2 = \underline{\quad}$

c) $27 \div \frac{5}{3} = \underline{\quad}$ and $45 \times \frac{3}{5} = \underline{\quad}$

Question 3

Fill in the blanks.

a) 6 cm = m

b) 1.23 kg = g

c) \times 1000 = 6.3

Question 4

State true or false.

- (a) $17 + 15 = 15 + (-17)$
- (b) $64 - (+64) = 0$
- (c) $[(-17) + 8] + 20 = [8 + (-17)] + 20$
- (d) $(-54) + 0 = 0$

Question 5

Fill in the boxes with appropriate answers.

		Base	Exponent	Expanded form	Value
a)	5^4				
b)	2^3				
c)	6^5				
d)	7^3				

Question 6

There are 120 seats in the balcony of a theatre. If this is $\frac{1}{5}$ th of the total seats, what is the total number of seats in the theatre?

Question 7

In a class of 50 students, $\frac{1}{5}$ of the total play football, $\frac{3}{5}$ of the total play cricket, and the remaining play basketball. Find the number of students who play:

- a) Basketball
- b) Football
- c) Cricket

Question 8

Samson carries a bag weighing 5.5 kg. How many grams is it?

Question 10

The sum of two integers is - 123. If one of them is 325, what is the other number?

Question 11

(a) Write the following in ascending order:

(i) 0.4, 0.7, 0.3, 0.9

(ii) 0.3, 0.21, 0.6, 0.41

(b) Write the following in descending order:

(i) 0.31, 0.4, 0.087, 1

(ii) 0.6, 0.44, 0.5, 0.09

Question 12

Find

(a) $\frac{1}{3}$ of 27

(b) $\frac{4}{5}$ of 50

(c) $\frac{2}{5}$ of 35

Question 13

Write the integers between the two given integers wherever possible.

(a) 2 and - 5

(b) -60 and - 56

(c) 9 and 10

(d) 18 and - 17

Question 14:

The sum of two rational numbers is $7\frac{2}{3}$. If one of the numbers is $3\frac{1}{6}$ find the other number.

Question 15

Simplify:

- (a) 0.03×0.05
- (b) $4.96 \div 0.004$
- (c) $0.01 \times 4 \times 0.5$
- (d) $20.74 + 0.674 + 0.09$

Question 16

Using laws of indices simplify the following.

- (a) $\frac{5^{10}}{5^{12}}$
- (b) $4^5 \div 4^2$
- (c) $\frac{2^7 \times 3^9}{2^5 \times 3^6}$

Question 17

Express in Exponential form.

- (a) $(-2p^3)^4$
- (b) $(8x^3)^0$
- (c) $[(\frac{3}{4})^{-2}]^3$

Question 18

Multiple Choice questions

- (a) Tasneem bought a suit for Rs.560 and sold it for Rs.500.
Which of the following did she make?
 - (i) Profit (- 60)
 - (ii) Profit 60
 - (iii) Loss (- 60)
 - (iv) None of these

- (b) When a proper fraction is multiplied by a proper fraction the product is always _____ either of the fraction
 - (i) greater than
 - (ii) equal to
 - (iii) smaller than
 - (iv) none of these

KENDRIYA VIDYALAYA, LEH (LADAKH)

WINTER VACATION 70 DAYS HOMEWORK (2022-23)

CLASS- VIII (SOCIAL SCIENCE)

Q1 Make any one multidisciplinary project on any one topic (ONLY ONE TOPIC)

- (i) Agriculture of Ladakh (ii) How the Indian economy affect in COVID 19 pandemic (iii) Write about the art, culture and heritage of Ladakh (iv) Write about wildlife sanctuary and National Parks of Ladakh (v) Make a Project on Natural Calamities of Ladakh i.e., Floods, Cyclones, Drought of Ladakh

Q2 Make any one Art Integrated Project on any one topic using art i.e., drawing, painting, sketching etc. (ONLY ONE TOPIC)

- (i) Resources of Ladakh (ii) Land, soil, Natural vegetation and wildlife of Ladakh (iii) Agriculture of Ladakh (iv) Industries of Ladakh (v) Human resources of Ladakh

Q3 Write all mapping from Geography, History and Civics. (Minimum 5-10 Maps)

Q4 Write all Information given in boxes i.e. Let's do or do you know.

Q5 Describe factors of soil formation.

Q6 Describe types of resources.

Q7 Describe types of farming.

Q8 Describe distribution of major industries.

Q9 Describe factors of effecting distribution of population.

Q10 Describe key features of Indian Constitution.

Q11 What is the role of Parliament and Secularism?

Q12 What is the structure of Courts in India?

Q13 What is the differences B/W Minorities and Marginalisation?

Q14 Describe Article of 21 & 17.

Q15 Describe the battle of Plassey.

Q16 Describe the Doctrine of Lapse.

Q17 What is Jhuming cultivation?

Q18 Write short note on Birsa Munda.

Q19 What is the agenda for the National Education?

Q20 Write short note on Khilafat movement, Non-cooperation movement, Dandi March, Cabinet Mission, Quit India movement & Direct Action Day.

KENDRIYA VIDYALAYA, LEH (LADAKH)

WINTER VACATION 70 DAYS HOMEWORK (2022-23)

CLASS- IX (GEOGRAPHY)

Q1 Make any one Art Integrated Project on any one topic using art i.e., drawing, painting, sketching etc. (ONLY ONE TOPIC)

- (i) Physical features of Ladakh (ii) Drainage of Ladakh (iii) Climate of Ladakh (iv) Natural Vegetation of Ladakh (v) Population of Ladakh

Q2 Write all mapping from Geography i.e., India and World Map.

Q3 Write all Information given in boxes i.e. Let's do or do you know.

Q4 What is the importance of Indian Ocean for India?

Q5 Describe major physiographic divisions of India.

Q6 Write differences B/W Himalayan rivers and Peninsular rivers.

Q7 Explain the mechanism of Indian Monsoon with diagram.

Q8 Describe types of vegetation with examples.

Q9 Discuss the population density and population growth in India.

Q10 How monsoon is as a Unifying Bond? Discuss on it.

Write the following questions in your note book and learn all questions

1. A light and a heavy object have the same momentum. Find out the ratio of their kinetic energies. Which one has a larger kinetic energy?
2. An object with 100 N weights is raised to a height of 15m. Find the potential energy possessed by the object at that height. Also find the new potential energy:
 1. If the same object is raised half of its original height.
 2. If the same object is raised to three times of its original height?Given $g=10\text{m/s}^2$
3. Define one joule of kinetic energy?
4. A ball of mass 2kg is thrown up with a speed of 10m/s. find the kinetic energy of the ball at the time of throwing. Also find the potential energy of the ball at the highest point?
5. An object of mass m and velocity v has kinetic energy= 200J. Find the new kinetic energy if the mass of the object becomes double and velocity still remains the same.
6. Calculate the kinetic energy of a car of mass 500kg moving with a velocity of 36km/h. Find the kinetic energy if the velocity of car doubles?
7. Calculate the power of an electric motor that can lift 800 kg of water to store in a tank at a height of 1500cm in 20s. ($g=10\text{m/s}^2$).
8. Calculate the electrical energy consumed in Joules if a toaster of 60 W is used for 30 minutes?
9. An electric heater of 1000 W is used for two hours in a day? What is the cost of using it for a month of 28 days, if one unit costs 3.00 rupees?
10. What energy transformation takes place in :
 - a. Dry cell
 - b. electric fan
11. Calculate the electricity bill amount for a month of 30 days, if the following devices are used as specified:
 - a. two bulbs of 40W for six hours.
 - b. two tubelights of 50W for eight hours
 - c. A TV of 120W for six hours.
 - d. Give the rate of electricity is 2.50 rupees per unit?
12. A crane pulls up a car weighing 500kg to a vertical height of 4m. Calculate the work done by the crane?
Given $g=10\text{m/s}^2$

13. A lamp consumes 500 J of electrical energy in 20 sec. What is the power of the lamp?
14. In a factory four bulbs of 100 W each and five fans of 110 W each operate for 12 hours daily. Calculate the units of electricity consumed? Also find the total expenditure if one unit costs 2.50 rupees?
15. The work done in lifting a box on to a platform does not depend upon how fast it is lifted up. Explain your answer giving proper reason?
16. Define
- Buoyancy
 - Factor of buoyant force
 - Archimedes Principle and its use
16. Explain why
- Pressure on ground more when man is walking than he is standing?
 - A bucket of water is lighter when in water than when it is taken out of water?
 - An iron nail floats on mercury but sink in water
 - It is easy to walk on sand with flat shoes than with high heel shoes?
17. A iron cube of side 10 cm is kept on a horizontal table. If the density of iron is 8000 kg/m^3 . Find the pressure on the portion of the table where cube is kept Take $g=10 \text{ m/s}^2$
18. The dimension of wooden block is $2\text{m} \times .25\text{m} \times .10\text{m}$. If relative density of wood is 0.6 calculate the mass of the block in kg given density of water is 1000 kg/m^3
19. A block of wood is kept on the table top. The mass of wooden block is 5 kg and its dimension are $40\text{cm} \times 20\text{cm} \times 10\text{cm}$. Find the pressure exerted by the wooden block on the table if it made it lie on the table top with its sides of dimension
- $20\text{cm} \times 10\text{cm}$
 - $40\text{cm} \times 20\text{cm}$
- Take $g=9.8 \text{ m/s}^2$
20. Two particles A and B of mass m_1 and m_2 respectively are placed at some distance. If the mass of each of the two particles is doubled, keeping the distance between them unchanged, the value of gravitational force between them will be
- 4 times
 - 2 times
 - $1/2$ times
 - $1/4$ times
21. A boy is whirling a stone tied with a string in an horizontal circular path. If the string breaks, the stone
- will continue to move in the circular path
 - will move along a straight line towards the centre of the circular path
 - will move along a straight line tangential to the circular path
 - will move along a straight line perpendicular to the circular path away from the boy
22. An object weighs 20 N when measured on the surface of the earth. What would be its weight when measured on the surface of the moon?
23. Earth Gravitational pull causes an acceleration 7m/s^2 in 2 kg of body somewhere in the space. How much will be the acceleration of 10 Kg mass due to earth gravitational pull at the same place

24. A child sitting along a swimming pool feels lighter while lowering his legs in water. Why?
25. prepare projects from following topics
- a. variation in the value of acceleration due to gravity
 - b. force of buoyancy, principal of floating.
 - c. sound wave and its properties, propagation, echo and SONAR

Kendriya Vidyalaya Leh, Ladakh

Holiday Home Work

Subject : Computer

Class – VI

Ques : 1 Write the answers of the following questions.

1. What is MS-Word?
2. What is the use of Header and Footer in Ms-Word?
3. What is MS-Excel?
4. What is computer Memory? Explain Primary memory.
5. What are the different types of Printers?
6. What is Sorting of data in MS-Excel?
7. What is Function in Ms-Excel? Write any 5 functions of MS-Excel

Ques : 2 Activity

- a. Write 100 word (in MS-word software) on any one of the given topic and use all the given actions(Character formatting, Font, Font style, Size, Font colour, Underline, bullets and numbering and Aligning text) and take a Printout and attach it in your file.

Topic :

1. My Idol
2. My Mother
3. My Class Teacher

Ques : 3 Take a Chart and Write about the Generations of Computer (all 5 Generations)

Kendriya Vidyalaya Leh, Ladakh

Holiday Home Work

Subject : Computer

Class – VII

Ques : 1 Answer the following questions.

1. Explain in brief about HTML.
2. What is the use of computer memory?
3. Write the difference between hardware and Software.
4. Explain any one output device in detail.
5. What is DTP?

Ques : 2 Write the functions of the following tags of HTML.

1.
2. <hr>
3.

4.
5. <href>
6. <p>
7. <title>
8. <!doc>
9. <Html>
10. <H2>

Ques : 3 Activity

Write a HTML document on any one of the given topic using all the HTML tags.

1. The Earth
2. Water Conservation

Ques : 4 Project

Create a Website of at least 10 webpages on any one of the given topic.

1. Restaurant Website
2. Music store Website
3. Photography Website
4. A Survey Form

Kendriya Vidyalaya Leh, Ladakh

Holiday Home Work

Subject : Computer

Class – VIII

Ques : 1 Answer the following questions.

1. What is Algorithm.
2. What are the advantages and disadvantages of algorithm
3. What is Flowchart? Explain all the flowchart symbols and their use.
4. What is Primary memory and secondary memory?
5. Explain in detail, the role of any one output device.

Ques : 2 Write an algorithm :

1. The addition of two numbers.
2. To find the Simple Interest.

Ques : 3 Draw a Flowchart :

1. To find the area of circle.
2. To find the average of 5 numbers

Ques : 3 Activity

Create a word document file on any one of the topic by using (character formatting, paragraph setting, font, size, font style, clip art, tables, header and footer)

1. The Universe
2. The Earth
3. The Nine Planets

Ques : 4 Project

Create a PowerPoint Presentation on any one of the given topic, and save it on any one of your favourite secondary memory to show all the teachers and Principal Sir.

1. Influences of music in mental health
2. How bad nutrition affects a person's health
3. Most famous books
4. Preparation and prevention against Natural disasters

Kendriya Vidyalaya Leh, Ladakh

Holiday Home Work

Subject : Artificial Intelligence

Class – IX

Ques : 1 Answer the following questions.

1. What is Artificial Intelligence.
2. What are the components of Visual communication?
3. What are the three domains of AI? Explain all the domains of AI.
4. What are the features of Python Programming Language.
5. Explain all the steps of AI project Cycles/
6. Explain any 10 UN Sustainable Development Goals (SDGs) out of 17.
7. Differentiate between Verbal and Non-Verbal Communication with example.
8. What is the difference between a keyword and a variable?
9. What are operators? Explain the types of operators with example.

Ques : 2 Write the corresponding Python Statements:

1. Assign value 100 to variable A and value 200 to variable B.
2. Assign value 10 to variable a, b and c.
3. Assign value 20 to x and subtract 5 from x and assign the variable x to variable y.

Ques : 3 What output will be produced by the following code.

1.

```
A, B, C, D = 9.2, 2.0, 4, 21
print (A/4)
print (B**C)
print (A%C)
```
2.

```
x, y = 2, 6
x, y = y, x+2
print (x, y)
```

Ques : 4 Write a Python Script:

1. To input two numbers and find their Sum and Product.
2. To calculate Simple Interest by inputting the values of Principal amount and Rate from the user for a time period of 5 years.
3. To accept marks in 5 subjects from the user and outputs average marks.
4. To accept the radius of the circle from the user and print its area.

KENDRIYA VIDYALAYA LEH

Homework for winter vacation

CLASS-VIII

subject – science

Answer the following questions

- 1) Explain how fertilizers are different from manure?
- 2) Discuss difference between the natural and synthetic fibres and also mention the types of synthetic fibres
- 3) What is plastics and its characteristics, how it is a threat to the environment and what steps would you like to take to reduce its consumption?
- 4) Define natural resources and discuss its types
- 5) What are the advantages of CNG and LPG as fuels?
- 6) What is the term deforestation and its consequence to environment
- 7) Make a list of any 10 national parks and 10 wildlife sanctuaries found in India
- 8) Make a list of animal species found in Ladakh and also mention their status under the Red Data Book of IUCN
- 9) What is air pollution, mention its causes and what steps should be taken to reduce its harmful impacts
- 10) How do greenhouse gases promote global warming and climate change
- 11) What is the difference between sound and music? Can music become noise sometime?
- 12) Make a well-labeled diagram of larynx
- 13) How do microorganisms help in nitrogen fixation and mention which microorganisms are involved in this process

14) Name the smallest planet of the solar system

15) What is constellation? Name any three constellation?

16) Read ,write and learn chapters 9 ,10,11,12 and 17

Holiday Homework

Class – 10 Subject- Physics

1. What is the difference between a conductor and an insulator?
2. What is the difference between open and closed circuits? Draw diagrams for both.
3. Define parallel connection and series connection.
4. What are the disadvantages of heating effect of current?
5. What are the advantages of heating effect of current?
6. What is electric current?
7. What is potential difference? Give its unit with definition.
8. Find the expression for calculating heat.
9. A wire is 1m long, 0.2mm in diameter and has resistance of 10Ω . Calculate its resistivity.
10. Calculate the area of cross section of a wire of length 2m, its resistance is 25Ω and the resistivity of material of wire is $1.84 \times 10^{-6} \Omega\text{m}$.
11. Calculate the energy consumed by 120W toaster in 20 minutes.
12. What is resistance of conductors? Name two metals which are highly resistant.
13. Why is tungsten metal used in bulbs but not in fuse wires?
14. Define the terms Watt and Volt.
15. When a 12 V battery is connected across an unknown resistor, there is a current of 2.5 mA in the circuit. Find the value of the resistance of the resistor
16. A battery of 9 V is connected in series with resistors of 0.2Ω , 0.3Ω , 0.4Ω , 0.5Ω and 12Ω , respectively. How much current would flow through the 12Ω resistor?
17. How many 176Ω resistors (in parallel) are required to carry 5 A on a 220 V line?
18. Show how you would connect three resistors, each of resistance 6Ω , so that the combination has a resistance of (i) 9Ω , (ii) 4Ω .
19. Several electric bulbs designed to be used on a 220 V electric supply line, are rated 10 W. How many lamps can be connected in parallel with each other across the two wires of 220 V line if the maximum allowable current is 5 A?
20. A hot plate of an electric oven connected to a 220 V line has two resistance coils A and B, each of 24Ω resistance, which may be used separately, in series, or in parallel. What are the currents in the three cases?
21. Compare the power used in the 2Ω resistor in each of the following circuits: (i) a 6 V battery in series with 1Ω and 2Ω resistors, and (ii) a 4 V battery in parallel with 12Ω and 2Ω resistors.
22. What is meant by the dispersion of white light? Draw a diagram to show dispersion of white light by the glass prism.
23. Explain why the planets do not twinkle but the stars twinkle.
24. What eye defect is hypermetropia? Describe with a ray diagram how this defect of vision can be corrected by using an appropriate lens.
25. What eye defect is myopia? Describe with a neat diagram how this defect of vision can be corrected by using a suitable lens
26. Draw a labelled ray diagram to illustrate the dispersion of a narrow beam of white light when it passes through a glass prism.

27. A star appears slightly higher (above) than its actual position in the sky. Illustrate it with the help of a labelled diagram.
28. State the difference in colours of the Sun observed during sunrise[^]sunset and noon. Give explanation for each.
29. Explain giving reason why the sky appears blue to an observer from the surface of the earth? What will the colour of the sky be for an astronaut staying in the international space station orbiting the earth? Justify your answer giving reason
30. Design an activity to demonstrate that a bar magnet has a magnetic field around it.
31. What are magnetic field lines? Justify the following statements:
 - (a) Two magnetic field lines never intersect each other.
 - (b) Magnetic field are closed curves
32. (a) State three factors on which the strength of magnetic field produced by a current carrying solenoid depends.
(b) Draw circuit diagram of a solenoid to prepare an electromagnet.
33. (a) What is an electromagnet? List any two uses.
(b) Draw a labelled diagram to show how an electromagnet is made.
(c) State the purpose of soft iron core used in making an electromagnet.
(d) List two ways of increasing the strength of an electromagnet if the material of the electromagnet is fixed.
34. Solve 5 sample papers
35. Make a assignment on following topic
 - a) Image formation by convex lens
 - b) Image formation by concave mirror
 - c) Magnetic effect of current.

KENDRIYA VIDYALAYA LEH

Holiday Homework

Social Science Class 9

Winter Vacation Homework(Economics)

- Read chapter 3 (Poverty as a Challenge) and Chapter 4(Food Security)
- Prepare short notes and Learn them from NCERT Book of Economics
- Learn and Write NCERT questions of Chapter 4
- Prepare one Art Integrated Project on the topic 'Economy of Ladakh'. Pictures, data, flowcharts and creative writing must be part of the project (It may be upto 10 pages)
- All this work will be checked after the end of winter vacation.

HAPPY LEARNING.....

KENDRIYA VIDYALAYA,LEH

Homework for winter vacations

CLASS - 8th

SUBJECT -MATHS

- Solve and revise all the chapter in separate notebook.
- Learn and write tables ,squares and cubes 1 – 20.
- Solve your P.T.1, half yearly and P.T.2 papers.

- Solve these question in your notebook:-

Q1.

Direction: Read the following statements carefully to answer these questions:

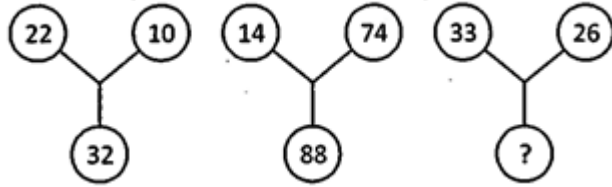
I. X is older than L,
II. M and N are of equal age.
III. Z is the youngest.
IV. Y is younger than N.
V. Y is older than X.

Which two of the above statements indicate that Y is older than L?

- A)
I and IV
- B)
IV and V
- C)
I and V
- D)
III and IV

Q2. Find the missing number:

i)



- A. 48
- B. 58
- C. 59
- D. 95

ii)



- A. 21
- B. 12
- C. 15
- D. 10

Q3. Direction sense test

i) A cyclist goes 30 km to North then 40 km to East. Now he takes a right turn and goes 20 km then again he turns his right and goes 40 km. Draw the diagram and find How far is the cyclist from his starting point?

- A. 50
- B. 25
- C. 10
- D. 40
- E. None of these

The length and breadth of a room are 8 m and 6 m respectively. A cat runs along all the four walls and finally along a diagonal order to catch a rat. How much total distance is covered by the cat?

- A. 10
- B. 14
- C. 38
- D. 48
- E. None of these

Q4

. If the price of petrol, diesel and LPG is slashed as follows:

Fuel	Old prices/ litre (in Rs)	New price/ litre (in Rs)	% Decrease
Petrol / L	45.62	40.62	_____
Diesel / L	32.86	30.86	_____
LPG/14.2kg	304.70	279.70	_____

Complete the above table.

Theme 5: My Calendar

I have had this lovely calendar that has cute cut out labels for each month, which I had assembled.

Yesterday my cat jumped on the desk and the calendar fell down, mixing up all the pages.

M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
			1	2	3	4	1	2	3	4	5	6								1	2	1	2	3	4	5	6
5	6	7	8	9	10	11	7	8	9	10	11	12	13	3	4	5	6	7	8	9	7	8	9	10	11	12	13
12	13	14	15	16	17	18	14	15	16	17	18	19	20	10	11	12	13	14	15	16	14	15	16	17	18	19	20
19	20	21	22	23	24	25	21	22	23	24	25	26	27	17	18	19	20	21	22	23	21	22	23	24	25	26	27
26	27	28	29	30	31		28	29	30					24	25	26	27	28	29	30	28	29	30	31			
														31													

M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
1	2	3	4	5	6	7					1	2	3							1	2					1	2
8	9	10	11	12	13	14	4	5	6	7	8	9	10	3	4	5	6	7	8	9	3	4	5	6	7	8	9
15	16	17	18	19	20	21	11	12	13	14	15	16	17	10	11	12	13	14	15	16	10	11	12	13	14	15	16
22	23	24	25	26	27	28	18	19	20	21	22	23	24	17	18	19	20	21	22	23	17	18	19	20	21	22	23
29	30						25	26	27	28	29	30	31	24	25	26	27	28			24	25	26	27	28	29	30

M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S
1	2	3	4	5	6	7						1								1	2	3	4	5			
8	9	10	11	12	13	14	2	3	4	5	6	7	8	6	7	8	9	10	11	12	6	7	8	9	10	11	12
15	16	17	18	19	20	21	9	10	11	12	13	14	15	13	14	15	16	17	18	19	13	14	15	16	17	18	19
22	23	24	25	26	27	28	16	17	18	19	20	21	22	20	21	22	23	24	25	26	20	21	22	23	24	25	26
29	30	31					23	24	25	26	27	28	29	27	28	29	30	31			27	28	29	30	31		
							30																				

Please help me label the names of the month correctly.

Lets' first identify February from the above Calendar sheets.

Now that you know which one is February, can you figure out the following?

- (a) 1st of March is a _____.
- (b) 31st of January is a _____.
- (c) The Labour Day which falls on 1st of May is a Thursday. Then, the Independence Day falls on _____ day.
- (d) If 5th of September, Teacher's Day, falls on Friday, then, 2nd of October, Gandhi Jayanti is on _____ day.

Now figure out this Calendar for the rest of the year

Theme 6: Prize Money

Three school students Ved, Mallika and Juhi bagged the First Prize in a model making competition based on Artificial Intelligence. The prize money of Rs. 18000 was distributed equally among them by the Principal.



Q1.

Ved spends 40% of his prize money of Rs 6000. He spends the money in the following ratio:- clothes : books : music CDs = 10 : 2 : 3.

- (i) Find the amount he spends on music CDs.

- ii) Find out how much more he spends on clothes as compare to books?

Q2. Malika invests her Rs. 6000 at the rate of 4% per year simple interest. Calculate the amount Malika receives at the end of the first year

Theme 7: Football Match

The results of the school's senior football team during a year are recorded, using W for a win L for a loss and D for a draw. They are:

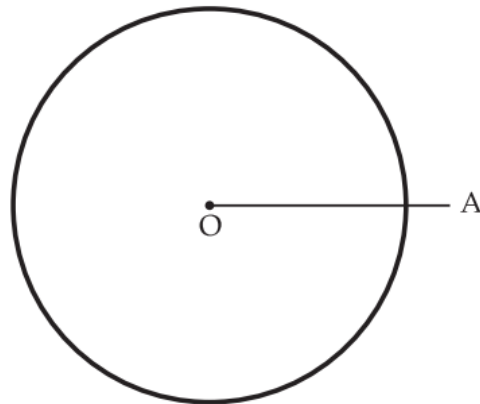
L L W D L W L W
L L D L L W W L
W L L W D L L W

1.

Complete the table given below.

Type of Result	Frequency	Pie chart angle (central angle)
W	8	$\frac{8}{24} \times 360^\circ = 120^\circ$
L		
D		
Total		360°

2 Now complete the Pie chart



Colour all sectors (parts) differently

Key :

L -

D -

W -

Pie Chart is also known as Circle graph. It is a type of graph in which a circle is divided into sectors such that each represents part of a whole.

Follow these instructions to complete the given pie chart:

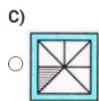
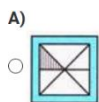
- Complete the table given above to find out all the central angles.
- Take OA as the base and O as the centre and draw any one of the central angle using a protractor.
- Similarly draw all the central angles.

Question 8 : Matching pairs

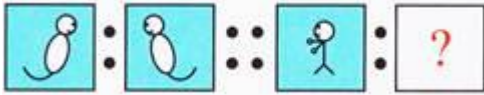
Which shape completes the matching pair?



A)



ii) Choose the figure which replaces the ?.



A)



B)



C)



D)



Theme9 : Mathematical operations

i)

If p stands for '+', q stands for '÷', r stands for '-' and 's' stands for '×', then find the value of $600 \text{ s } 900 \text{ q } 2700 \text{ p } 800 \text{ r } 1000$.

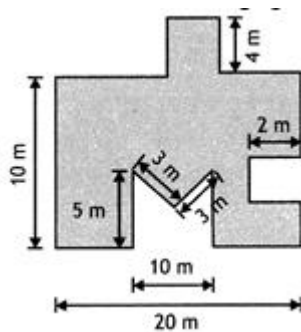
- A) 0
- B) 1
- C) 2
- D) 3

ii)

If A denotes x, B denotes '-', C denotes '+' and D denotes '-', then $16C24B8D6B2A3=?$

- A) $\frac{13}{6}$
- B) 10
- C) $14\frac{1}{2}$
- D) $-\frac{1}{6}$

Question !0 : What is the perimeter of the following figure?



- A) 72
- B) 76
- C) 78

D) 80

TEACHER – KRISHNA KUMAR PATEL

KENDRIYA VIDYALAYA, LEH-LADAKH

WINTER BREAK HOMEWORK

CLASS-VI

SUBJECT- ENGLISH

“Reading is to the mind what exercise is to the body.” – Richard Steele

Directions for completing the homework.

- ❖ Homework is divided into four sections.
- ❖ Buy a notebook and split it into four sections. Use sticky notes to section off the notebook.

SECTION-A

Read the following chapters carefully and attentively at least three times. While reading underline the important words and sentences with pencil, look for the meaning of difficult words in dictionary and write it down. Once the reading is complete answer the questions given for each chapter below.

WHO DID PATRICK’S HOMEWORK

1. What you feel about your homework?
2. What are advantages and disadvantages of homework?
3. How can the problem of homework be solved?

TARO’S REWARD

1. Imagine you are Taro. Write a letter to your friend narrating your delightful experience.
2. Do you love your parents the way Taro loves his parents? Create a heart-warming collage of your family members. Tell the story of your family members through collage making.

WHO I AM

1. Write a paragraph about yourself so that people who read it will get to know you better. You could write about yourself from any point of view, or choose one of the following topics.
 - a) What I enjoy doing most
 - b) What I want to become

THE BANYAN TREE

1. Is there a place in your house, or in your grandparents’ or uncles’ or aunts’ houses that you specially like? Write a short paragraph about it, saying
 - Where is it
 - What you do there
 - Why you like it

THE FRIENDLY MANGOSE

1. Write the moral of the story ‘The friendly Mongoose’.
2. Make sentences by using the given words- (Do it yourself)
 1. Friendly 2. Farmer 3. Mongoose 4. Cradle 5. Companion

TANSEN

Read the CHAPTER and find out the answers for the following questions:

- Q1. What was Tansen famous for?
Q2. What was Tansen's special talent as a child?
Q3. Who was Tansen's father?
Q4. Who was Swami Haridas?
Q5. Whom did Tansen marry?
Q6. Who suggested an idea to ruin Tansen?
Q7. What was the idea to ruin Tansen?
Q8. What saved Tansen from burning?
Q9. What happened to the jealous courtiers?
Q10. Where is Tansen's tomb located?

A PACT WITH THE SUN

- 1) I get sunshine and fresh air when I.....
- 2) If I have neighbours who are ill, I would ask them to.....
- 3) I think medicines are.....
- 4) My own formula for keeping good health is...
- 5) Saeeda's mother got well after she opened the doors and windows, because.....
- 6) This story tries to teach us.....
- 7) I think Saeeda's mother was always ill, because.....

SECTION -B

Read and understand following chapters. Find the key words/lines and write the summary/ main points of these chapters in your own words.

1. An Indian-American woman in space: Kalpana Chawla
2. Fair Play
3. A game of chance
4. The Monkey and the Crocodile
5. The wonder called sleep

SECTION-C

1. Read the following conversation and write a message accordingly:

Jennie: Hello! Is it Gautam's place?

Riya: Yes. May I know who is there?

Jennie: I'm Jennie. Can I talk to him?

Riya: Oh! Sorry. Actually, he has gone to the market now. Is it anything urgent?

Jennie: Oh, sure. In fact, I wanted to tell him that the swimming lesson scheduled for tomorrow has been cancelled due to maintenance.

Riya: Oh sure! I will let him know.

Jennie: Thanks

2. Write a letter to a friend requesting him to spend his summer holidays with you.

SECTION-D

Read, write and revise the following topics:

Noun Forms (singular and Plural)

100 Singular Plural Words



Singular	Plural	Singular	Plural
Family	Families	Life	Lives
Fly	Flies	Knife	Knives
Lady	Ladies	Half	Halves
Story	Stories	Self	Selves
Bamboo	Bamboos	Thief	Thieves
Cuckoo	Cuckoos	Wife	Wives
Radio	Radios	Chief	Chiefs
Buffalo	Buffaloes	Cliff	Cliffs
Hero	Heroes	Hoof	Hoofs
Mango	Mangoes	Proof	Proofs
Potato	Potatoes	Man	Men
Calf	Calves	Woman	Women
Leaf	Leaves	Mouse	Mice
Loaf	Loaves	Louse	Lice

100 Singular Plural Words



Singular	Plural	Singular	Plural
Gas	Gasses	Day	Days
Ass	Asses	Donkey	Donkeys
Lass	Lasses	Essay	Essays
Class	Classes	Key	Keys
Bush	Bushes	Monkey	Monkeys
Glass	Glasses	Ray	Rays
Singular	Plural	Army	Armies
Bench	Benches	Baby	Babies
Inch	Inches	City	Cities
Clutch	Clutches	Copy	Copies
Watch	Watches	Country	Countries
Box	Boxes	Sky	Skies
Fox	Foxes	Cry	Cries
Boy	Boys	Duty	Duties

OPPOSITE WORDS

Word	Opposite	Word	Opposite
Cold	Hot	Empty	Full
Big	Little	Enter	Exit
Begin	End	Even	Odd
Before	After	Fact	Fiction
Back	Front	Public	Private
Always	Never	Play	Work
Alone	Together	Part	Whole
All	None	Over	Under
Add	Subtract	On	Off
Above	Below	Open	Close
Cool	Warm	Most	Least
Dark	Light	Near	Far
Difficult	Easy	North	South
Dry	Wet	Loud	Quiet
East	West	Tie	Untie

Opposite Adjectives

Slow – Fast
Thick – Thin
Straight – Curly
Ugly – Beautiful
Useful – Useless
Top – Bottom
Warm – Cool
Thin – Thick
Empty – Full
White – Black
True – False
Safe – Dangerous
Modern – Traditional
Happy – Sad
Loose – Tight
Beautiful – Ugly
Big – Small
Strong – Weak
Healthy – Sick
Low – High
Poor – Wealthy
Brave – Cowardly
Lazy – Hardworking
Light – Heavy
Dark – Light
Straight – Crooked
Bad – Good
Insane – Sane



Thin – Fat
Short – Tall
Young – Old
Dirty – Clean
Soft – Hard
Close – Far
Easy – Difficult
Deep – Shallow
Distant – Near
Cheap – Expensive
Curly – Straight
Small – Big
Slow – Fast
Bitter – Sweet
Early – Late
Selfish – Generous
Happy – Unhappy
Cold – Hot
Dishonest – Honest
Friendly – Unfriendly
Patient – Impatient
Tidy – Messy
Pessimistic – Optimistic
Careful – Careless
Talkative – Taciturn
Wide – Narrow
Delicious – Awful
Modern – Ancient

A .osmosis

b. diffusion

Q.14.Brownian motion increases with

a. decrease in temperature

c. does not depend on temperature

b. increase in temperature

Q.15.what produces more severe burns, boiling water or steam?

a. steam

b. water

Q.16. what is the chemical name of dry ice?

a. oxygen

c. nitrogen

b. carbon dioxide

d .helium

Q.17. the rate of evaporation decreases with increase in humidity

a. true

b.False

Q.18. conditions that can increase the rate of evaporation of water are

a.an increase of surface area by spreading the shirt

b. an increase in temperature by putting the shirt under the sun

c. increase in the wind speed by spreading it under the fan

d.all of the above

Q.19.name the state of matter in which layer of particle can slip and slide over one another easily

a. gaseous state

c. liquid state

b. solid state

d. none of the above

Q.20. the process of a liquid changing into vapor or gas even below its boiling point is called

a. evaporation

c. condensation

b. sublimation

d. freezing

Q.21. the scientists now say that there are actually 5 states of matter.A,B,C,D&E. the state A has no fixed volume and no fixed shape.the state B can be compressed very easily by applying pressure and state C has fixed shape as well as fixed volume.the state D is a mixture of free electrons and ions.whereas state E is named after an Indian scientist and famous physicist.what is the physical state of C?

a. Solid

c.Gas

b. liquid

d. BEC

Q.22.The process of melting is also known as

a.fission

c. condensation

b. fusion

d. evaporation

Q.23.which is not a characteristic of matter

a. particles of a matter are continuously moving

b. particles of matter move faster on increasing temperature

c. particles of matter intermix with each other on their own

d. particles of all matters have same kinetic energy

Q.24.During summer water kept in another pot becomes cool because of the phenomenon of

a. diffusion

b. transpiration

c. osmosis

d. evaporation

Q.25. state whether the following statement is true or false : hey when the humidity of air is high hey then the rate of evaporation is high.

a. true

b. false

Q.26. modern scientists evolved and classified matter based on physical and chemical properties in nature. true or false?

a. true

b. false

Q.27. particles of matter are continuously moving then they possess which energy?

A .Kinetic

c. electric

b. potential

d. none of the above

Q.28. which of the following does not affect the rate of evaporation?

a. wind speed

c. humidity

b. temperature

d. insoluble impurities

Q.30. which of the following processes which provide the best evidence for the motion of particles in matter ?

a. diffusion

b. Brownian motion

c. both of the above options

d. none of the above

Chapter 2 (Is matter around us Pure)

1. What is the name of the metal which exists in liquid state at room temperature?

(a) Sodium

(c) Mercury

(b) Potassium

(d) Bromine

2. When the liquid is spun rapidly, the denser particles are forced to the bottom and the lighter particles stay at the top. This principle is used in:

(a) Centrifugation

(c) Evaporation

(b) Fractional distillation

(d) Tunneling

3. What is the name of the non metal which exists in liquid state at room temperature?

(a) Mercury

(c) Sodium

(b) Bromine

(d)

Potassium

4. Which of the following elements is not a metalloid?

(a) Boron

(c) Germanium

(b) Silicon

(d) Tungsten

5. If we put camphor in an open container, its amount keeps on decreasing due to the phenomenon of

(a) Evaporation

(c) Condensation

(b) Precipitation

(d)

Sublimation

6. Heterogeneous mixture in which the solute particles do not dissolve and remain suspended throughout the solvent and the solute particles can be seen with the naked eye is known as:

- (a) Colloidal solution
- (b) Super saturated solution
- (c) Sublimation
- (d) Suspension

7. In tincture of iodine, find the solute and solvent?

- (a) alcohol is the solute and iodine is the solvent
- (b) iodine is the solute and alcohol is the solvent
- (c) any component can be considered as solute or solvent
- (d) tincture of iodine is not a solution

8. The continuous zig-zag movement of colloidal particles in a dispersion medium is called

- (a) Dispersion
- (b) Tyndall effect
- (c) Brownian movement
- (d) Oscillation

9. A pure substance which is made up of only one kind of atom and cannot be broken into two or more simpler substances by physical or chemical means is referred to as

- (a) a compound
- (b) an element
- (c) a molecule
- (d) a mixture

10. Which of the following non-metal is a good conductor of electricity?

- (a) Aluminium
- (b) Silicon
- (c) Graphite
- (d) Gold

11. Which of the following property does not describe a compound?

- (a) It is composed of two or more elements
- (b) It is a pure substance.
- (c) It cannot be separated into constituents by physical means
- (d) It is mixed in any proportion by mass

12. When two liquids do not mix, they form two separate layers and are known as

- (a) Miscible liquids
- (b) Immiscible liquids
- (c) Saturated liquids
- (d) Super saturated liquids

13. How one can separate ammonium chloride from a mixture containing ammonium chloride and sodium chloride?

- (a) Precipitation
- (b) Sublimation
- (c) Chromatography
- (d) Centrifugation

14. The amount of solute present per unit volume or per unit mass of the solution/solvent is known as

- (a) Composition of solute
- (b) Concentration of a solvent
- (c) Concentration of a solute
- (d) Concentration of a solution

15. According to the definition of pure substance, which of the following is a pure substance?

- (a) Ice
- (b) Mercury
- (c) Iron
- (d) All of these

Q.16. Blood can be classified under

- a. Element
- b. compounds
- c. mixtures
- d. all of these

Q.17. Which of the following is not a property of a solution ?

- A. the particles of a solution pass through the filter paper
- b. the solutions are very stable
- c. the size of solute particles in a solution is extremely small
- d. a solution is a heterogeneous mixture

Q.18. Is mixing of iron filings and sand a chemical change

- a. Yes
- b. No

Q.19. How will you separate a mixture containing kerosene and petrol (difference in their boiling points is more than 25 degrees Celsius) which are miscible with each other?

- a. sedimentation
- b. centrifugation
- c. evaporation
- d. fractional distillation

Q.20. Define physical changes

- a. those changes in which no new substances are formed
- b. Those changes in which new substances are formed
- c. those changes in which liquid substances are formed
- d. those changes in which gaseous substances are formed

Q.20. Ice falls in the category of _____ substance

- a. pure
- b. impure
- c. mixed
- d. all of these

Q.21. Brass is an example of a

- a. homogeneous compound
- b. heterogeneous compound
- c. heterogeneous mixture
- d. homogeneous compound

Q.22. Which of the following is a mixture

- a. salt
- b. air
- c. water
- d. sugar

Q.23. Define solubility

- a. a solution in which no more solute can be dissolved at that temperature
- b. a solution in which more quantity of solute can be dissolved without raising its temperature
- c. The maximum amount of solute which can be dissolved in 100 grams of a solvent at specified temperature
- d. none of these

Q.24. For a common person, a pure substance means a substance which has no _____

- a. adulteration
- b. colour
- c. Smell
- d. none of the above

Q.25. Classify coal as an element, compound or a mixture .

- a. Element
- b. compound
- c. mixture
- d. none of the above

Q.26. The medium in which colloidal particles disperse or suspend themselves is called

- a. dispersion medium
- b. colloidal medium

Q.27. Write the components of a solution

- a. solvent
- b. solute
- c. both one and two
- d. none of the above

Q.28. Is making fruit salad with raw fruits physical change?

- A. Yes
- B. No

Q.29. Tincture of iodine is a mixture of two materials X & Y the materials. Y has a property that its solid form can be converted directly into vapours on heating by a process called Z. Which of the following processes can be used to recover only component form of Y from Tincture of iodine ?

- a. evaporation
- b. distillation
- c. filtration
- d. Crystallisation

Q.30. A method to separate magnetic impurities from non magnetic impurities as substance is called

- a. magnetic separation
- b. distillation
- c. chromatography
- d. centrifugation

Chapter 3(Atoms and Molecules)

1. According to the Dalton's atomic theory all matter is made of tiny particles called _____.

- A) Molecules
- B) Moles
- C) Atoms
- D) Elements

2. Which of the following statements is not true about an atom?

- (a) Atoms are not able to exist independently.
- (b) Atoms are the basic units from which molecules and ions are formed.
- (c) Atoms are always neutral in nature.
- (d) Atoms aggregate in large numbers to form the matter that we can see, feel or touch

3. 1 u or 1 amu means

- (a) 1/12th mass of C-12 atoms
- (b) Mass of C-12 atom

(c) Mass of O-16 atom (d) Mass of Hydrogen molecule

4. Molecular mass is defined as the:

- (a) Mass of one molecule of any substance compared with the mass of one atom of C – 12
- (b) Mass of one atom compared with the mass of one atom of hydrogen
- (c) Mass of one atom compared with the mass of one molecule
- (d) None of the above

5. Which of the following represents the correct relation between Avogadro's number (N_0), number of particles (N) and moles (n)?

- (a) $n = N / N_0$
- (b) $n = N_0 / N$
- (c) $n = N N_0$
- (d) all are correct

5. The law of definite proportions was given by:

- a. John Dalton
- b. Humphrydavy
- c. Proust
- d. Michael Farad

6. A sample of NH_3 molecule irrespective of source contains 82.35% Nitrogen and 17.65% of Hydrogen by mass. This data supports:

- (a) Law of Conservation of Mass
- (b) Law of Multiple Proportions
- (c) Law of Definite Proportions
- (d) Avogadro's Law

7. The molecular formula of potassium nitrate is _____

- (a) KNO_3
- (b) KNO
- (c) KNO_2
- (d) KON

8. All noble gas molecules are

- a) Monoatomic
- b) Diatomic
- c) Triatomic
- d) tetra atomic

9. The formula of ethanol is C_2H_5-OH . What will be its molecular mass?

- I. 46 u
- II. 34 u
- III. 34 g
- IV. 46 g

10. Which of the following is a wrong Combination?

- (a) 6.022×10^{23} molecules of oxygen = 32g of oxygen
- (b) 6.022×10^{23} ions of sodium = 23g of sodium
- (c) 6.022×10^{23} atoms of C = 24g of carbon
- (d) 6.022×10^{23} atoms of H = 1g of hydrogen atoms

11. What is the total number of atoms present in an ammonia NH_3 molecule

- a 3
- b 4
- c 5
- d 6

12. Chemical symbol represents

- a) chemical formula
- b) molecular formula
- c) structural formula
- d) atomic formula

13. Each 'ozone' molecule is made up of three
- | | |
|--------------------|-------------------------|
| A. oxygen atoms | C. carbon dioxide atoms |
| B. phosphors atoms | D. nitrogen |
- 14: The number of atoms which a molecule of sulphur contains, is
- | | |
|------|------|
| A. 3 | C. 4 |
| B. 8 | D. 5 |
- 15 Two or more atoms chemically combined together form a
- | | |
|-------------|------------------|
| A. Atom | C. Nucleus |
| B. Molecule | D. Atomic number |

Chapter 4(Structure of atoms)

Q1. Which of the following are true for an element?

- (i) Atomic number = number of protons + number of electrons
- (ii) Mass number = number of protons + number of neutrons
- (iii) Atomic mass = number of protons = number of neutrons
- (iv) Atomic number = number of protons = number of electrons

- | | |
|-------------------|--------------------|
| (a) (i) and (ii) | (c) (ii) and (iii) |
| (b) (i) and (iii) | (d) (ii) and (iv) |

Q2. Mass number of the atom is 27 and the number of neutrons is 14. What is the number of electrons in the ion?

- | | |
|--------|--------|
| (a) 13 | (c) 14 |
| (b) 10 | (d) 16 |

Q3. An atom with 3 protons and 4 neutrons will have a valency of

- | | |
|-------|-------|
| (a) 3 | (c) 1 |
| (b) 7 | (d) 4 |

Q4. By whom was neutron discovered?

- | | |
|--------------|----------------|
| (a) Bohr | (c) Rutherford |
| (b) Chadwick | (d) Dalton |

Q5. In an atom valency electron are present in:

- | | |
|-----------------------------|--------------------------|
| (a) Outermost orbit | (c) First orbit |
| (b) Next to outermost orbit | (d) Any one of its orbit |

Q6. The maximum number of electrons that can be accommodated in third shell ($n = 3$) is:

- | | |
|------|-------|
| (a)2 | (c)18 |
| (b)8 | (d)10 |

Q7. In an atom, the constituent electrons:

- (a) Do not move
- (b) Are uniformly distributed
- (c) Move around the nucleus in fixed energy levels.
- (d) Move around the nucleus in a random way.

Q8. What is the number of valence electrons of Na?

- (a) 1
- (b) 2
- (c) 3
- (d) 4

Q9. The isotopes of an element have:

- (a) Same number of neutrons
- (b) Same atomic number
- (c) Same mass number
- (d) None of these

Q10. Which of the following pairs are isotopes?

- (a) Oxygen and ozone
- (b) Ice and steam
- (c) Nitric oxide and nitrogen dioxide
- (d) Hydrogen and deuterium

Question 11. The number of electrons in an element with atomic number X and atomic mass number Y will be:

- a) $(X - Y)$
- b) $(Y - X)$
- c) $(X + Y)$
- d) X

Very short answer question:

1. Convert the following temperature to the Celsius scale: 287 K and 397 K
2. What is the physical state of water at: 5 degree Celsius
3. Why do we get the smell of perfume sitting several meters away?
4. Pigments of natural colours can be separated by which process?
5. Tincture of iodine has antiseptic properties. This solution is made by dissolving _____.
6. Which method would you use to separate cream from milk?

Short answer questions:

1. Why does a gas exert pressure?
2. What would happen to the two interparticle spaces if a liquid is heated?
3. Why is ice at 273K more effective in cooling than water at the same temperature?
4. What are the advantages of crystallization over evaporation?
5. Distinguish between physical and chemical change.
6. How will you separate a mixture of common salt, sulphur powder and sand?

Long answer questions:

1. (a) How can gases be liquified?
(b) What do you mean by the term "latent heat of fusion"?
2. What are the characteristics of particles of matter?
3. What is fractional distillation? Explain with drawing diagram.
4. What are the various types colloidal solutions based upon the physical state of dispersed phase and dispersion medium. Give one example in each case.

3. ASSERTION-REASON TYPE QUESTIONS

Mark your answer according to the following options.

- (A) Both the Assertion and the Reason are correct and the Reason is the correct explanation of the Assertion.
(B) The Assertion and the Reason are correct but the Reason is not the correct explanation of the Assertion.
(C) Our Assertion is true but the Reason is false.
(D) The statement of the Assertion is false but the Reason is true.

- (I) Assertion: There is no change in temperature of a substance when it undergoes a change of state though it is heated.
Reason: The heat supplied is absorbed either as latent heat of fusion or as latent heat of vaporization.
- (II) Assertion: The term vapors is used to Represent the gaseous state of a substance which is otherwise liquid at room temperature.
Reason: It is proper to regard gaseous state of ammonia as vapors.
- (III) Assertion: When a beam of light is passed through a colloidal solution, its path becomes visible
Reason: Light gets scattered by colloidal particles.
- (IV) Assertion: Chromatography can be used to separate a mixture of plant pigments.
Reason: Chromatography can be used to separate colored substances into individual components.

Q4. What do you mean by Chemical Formula of a compound? Write the formula of a compound Sodium chloride.

Q5. Write the chemical formula of the following compounds

- Sodium Chloride
- Magnesium Sulphate
- Potassium Nitrate
- Ammonium Chloride
- Zinc Sulphate

Q6. What are the valencies of Na, P, Mg and Ca?

Q7. Define atoms and Molecules.

Q8. Explain mole concept.

Q9. Give the relationship between mole, Avogadro's number and mass.

Q10. Write the molecular masses of the followings

- CH₄
- H₂O
- CH₃COOH
- CO₂
- HCl

Q11. Explain law of Constant proportions.

CCT Based Question

12. Read the following passage carefully and answer the following questions.

Separation/Identification of different components of a mixture by paper chromatography is based upon their different solubilities in the same solvent. When a solvent is allowed to pass over a mixture of different substances (which are soluble in the solvent, but their solubilities are different), the substance which is more soluble in the solvent moves faster along with the solvent and thus gets separated from other substances. The mixture which is less soluble in the solvent thereby moving slowly.

Q1. Principle of chromatography is based upon

- a) Rate of absorption.
- b) Rate of adsorption.
- c) Rate of diffusion.
- d) None of these

Q2. In chromatography different constituents of a mixture get adsorbed differently on the same adsorbent because

- They have difference in pressure
- They have different rates of movement.
- Both a and b
- None of these

Q3. Which method is used to separate drugs from blood?

- a) Fractional distillation
- b) Crystallisation
- c) Chromatography
- d) Distillation

CCT based Question

13. The molecules of a gas are free to move about in any direction because of large intermolecular spaces, the gases are easily compressible. The kinetic energy of the molecules of gases is maximum and they move about randomly at a high speed. The randomly moving high speed molecules hit against the sides of containing vessel. The pressure exerted by any gas is due to the force exerted by its molecules on the sides of containing vessel.

Q1. A gas fills all the space in a container in which it is kept because

- a) The gases have large intermolecular spaces.
- b) The molecules are not free to move.
- c) The randomly moving molecules hit against the walls of container.
- d) The molecules have large intermolecular forces of attraction

Q2. When pressure is applied on a gas, it is converted to a liquid due to

- a) Increase in intermolecular forces of attraction between the particles.
- b) Increase in intermolecular distance between the particles.
- c) Decrease in intermolecular forces of attraction between the particles.
- d) Increase in Kinetic energy of particles.

Q3. The State of matter which consists of super energetic particles in the form of ionized gases is called

- a) Gaseous state.
- b) Liquid State.
- c) Bose-Einstein condensate
- d) Plasma State.

Q4. When a gas is compressed at constant temperature

- a) The speed of molecules increases.
- b) The collision among the molecules increases.
- c) The speed of molecules decreases
- d) The collision among the molecules decreases.

KENDRIYA VIDYALAYA LEH LADAKH
WINTER VACATION HOMEWORK (2022-23)
(10th HISTORY)

***Assignment: Write on your notebook and learn it.**

- 1. How did the Indian and British merchants and manufacturers advertise their products in India to promote their sale?**
- 2. Why were there frequent clashes between Gomasthas and Weavers in the villages?**
- 3. How did the 'First World War' create a new economic and political situation in India? Explain with examples.**
- 4. Why did Gandhi Ji decide to launch a nationwide Satyagraha against the proposed Rowlatt Act of 1919? How was it organized?**
- 5. Describe the incident and impact of Jallianwala Bagh.**

***Solve the previous 5 years CBSE board examination question papers.**

***Revise and practice all the questions of last 10 year given in app mycbseguide.com. There will be test based on the above question paper after winter break.**

KENDRIYA VIDYALAYA LEH LADAKH
WINTER VACATION HOMEWORK (2022-23)
(9th HISTORY)

ASSIGNMENT: (Extra Questions, do it on your class work notebook and learn)

- Q1. How was the French society organised before the revolution of 1789?
- Q2. Write a short note on the document 'Declaration of the Rights of Man and citizen'.
- Q3. Explain the role of philosophers in the French Revolution of 1789.
- Q4. What was the impact of the Russian Revolution on Russia?
- Q5. Describe the circumstances which were responsible for the Russian Revolution.
- Q6. What were Hitler's Foreign Policies?
- Q7. How did the Great Economic Depression affect Germany?
- Q8. Between 1880 and 1920, forest cover in the Indian subcontinent declined by 9.7 million hectares, from 108.6 million hectares to 98.9 million hectares. Discuss the role of the following factors in this decline: Railways, Shipbuilding, Agricultural expansion, commercial farming, Tea/Coffee plantations and Adivasis and other peasant users.
- Q9. Discuss why the colonial government in India brought in the following laws. In each case, explain how the law changed the lives of pastoralists.
- Q10. Explain why nomadic tribes need to move from one place to another. What are the advantages to the environment of this continuous movement?

*Learn answers of all the questions from Chapter 1 (The French Revolution), chapter 2 (Socialism in Europe and The Russian Revolution), Chapter 3 (Nazism and the Rise of Hitler), Chapter 4 (Forest society and Colonialism) and Chapter 5 (Pastoralists in the Modern world).

***Art Integrated project: on any one**

1. Louis XVI
2. Napoleon Bonaparte
3. Adolf Hitler
4. Vladimir Lenin

KENDRIYA VIDYALAYA LEH LADAKH
WINTER VACATION HOMEWORK (2022-23)
(7th SOCIAL SCIENCE)

1. ACTIVITIES (To be done in new file or chart)

Activity 1: Make a flow chart of The Rulers of Delhi in chronological order and paste/sketch their pictures..

Activity 2: For Fun:

- Mention which mode of communication you will prefer most in the following situations-
- (a) Your grandfather has suddenly fallen ill. How will you inform the doctor?
- (b) Your mother wants to sell the old house. How will she spread this news?
- (c) You are going to attend the marriage of your cousin for which you will be absent from the school for the next two days. How will you inform the teacher?
- (d) Your friend has moved out with his/her family to New York. How will you keep in touch on a daily basis?

2. BOOK WORK (To be done in class work notebook)

HISTORY

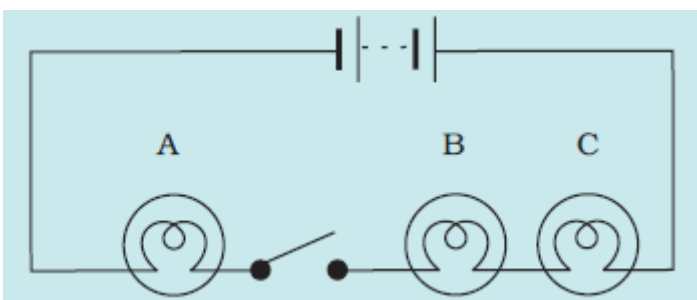
- Do Q&A of Chapter 9(The Making of Regional Cultures) on your notebook and also learn it.
- Read chapter 10(Eighteenth-Century Political Formation) and do Q&A on your notebook and learn it.

3. Geography, Civics and History :-Revise and learn all the chapter from the beginning .

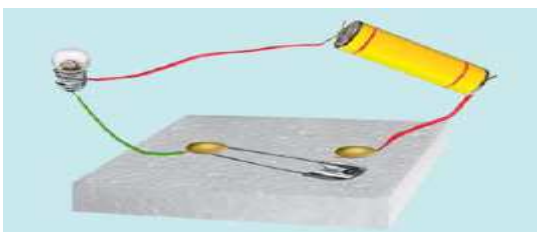
4. Art Integrated Project on any of the Mughal Emperor or The Delhi Sultanate.

KENDRIYA VIDYALAYA LEH LADAKH
WINTER VACATION 70 DAYS HOMEWORK
CLASS VII
SCIENCE(2022-23)

1. What will happen if there are no platelets in the blood?
2. Why is heart known as the pumping organ of the human body?
3. What is Dialysis?
4. Why do veins have thin walls compared to arteries?
5. What are the three main types of blood vessels?
6. How plant roots absorb water and minerals from the soil?
7. Why is transport of materials necessary in a plant or in an animal? Explain.
8. What are the three types of cells present in blood?
9. Draw a diagram of the human excretory system and label the various parts.
10. Draw a labeled diagram of the human heart.
11. What do you mean by vegetative propagation? Explain with example.
12. How does the process of fertilisation take place in flowers?
13. Show self-pollination and cross pollination via a labelled diagram.
14. How the male gamete in the pollen grain reaches the female gamete present in the ovule?
15. Sketch the reproductive parts of a flower.
16. Describe the various ways by which seeds are dispersed.
17. Explain reproduction through spore formation in fungus.
18. Describe the different methods of asexual reproduction. Give examples.
19. Show the shape of the distance-time graph for the motion in the following cases:
 - (i) A car moving with a constant speed.
 - (ii) A car parked on a side road.
20. The odometer of a car reads 57321.0 km when the clock shows the time 08:30 AM. What is the distance moved by the car, if at 08:50 AM, the odometer reading has changed to 57336.0 km? Calculate the speed of the car in km/min during this time. Express the speed in km/h also.
21. Priyansh takes 15 minutes from his house to reach her school on a bicycle. If the bicycle has a speed of 2 m/s, calculate the distance between his house and the school.
22. The distance between two stations is 240 km. A train takes 4 hours to cover this distance. Calculate the speed of the train.
23. When pendulum is said to have one complete oscillation?
24. Draw in your notebook the symbols to represent the following components of electrical circuits: connecting wires, switch in the 'OFF' position, bulb, cell, switch in the 'ON' position, and battery.
25. Write an experiment to show the magnetic effect of current.
26. Explain the working of an electric bell.
27. In the circuit shown in the below Fig.



- (i) Would any of the bulbs glow when the switch is in the 'OFF' position?
 - (ii) What will be the order in which the bulbs A, B and C will glow when the switch is moved to the 'ON' position?
28. Draw the circuit diagram to represent the circuit shown below.



29. Why the word ambulance is written laterally inverted on ambulance vehicle?
 30. Show how light gets reflected from a plane mirror with the help of an activity.
 31. State the differences between a convex and a concave lens.
 32. Krish is observing his image in a plane mirror. The distance between the mirror and his image is 4 m. If he moves 1 m towards the mirror, then find out the distance between Krish and his image.
 33. Write the uses of concave mirror.
 34. How increasing agricultural activities are responsible for depletion of water table?
 35. How increasing population is responsible for depletion of water table?
 36. Make a sketch showing groundwater and water table. Label it.
 37. Why is distribution of water uneven in our country?
 38. List some methods to conserve water.
 39. Why are we left only tiny fraction of water for use even if about 71 % of the earth surface is covered with water?
 40. What will consequences if water is not available to plants?
 41. Explain the role of forest in maintaining the balance between oxygen and carbon dioxide in the atmosphere.
 42. Explain why forest is called “the dynamic living entity”?
 43. Explain how forests prevent floods.
 44. What difference will it make if we cut trees for a factory?
 45. Explain why there is a need of variety of animals and plants in a forest.
 46. Untreated human excreta is a health hazard. Explain.
 47. What is sewage? Explain why it is harmful to discharge untreated sewage into rivers or seas.
 48. Explain the relationship between sanitation and disease.
 49. What is sludge? Explain how it is treated.
 50. Outline your role as an active citizen in relation to sanitation.
-

KENDRIYA VIDYALAYA LEH LADAKH
WINTER VACATION 70 DAYS HOMEWORK
CLASS X
CHEMISTRY(2022-23)

A. Solve last five years (2018 - 2022) CBSE Board Examination paper, only those questions which are in the syllabus of 2022-23.

B. Solve CBSE sample paper (2022-23) and 15 sample papers prepared by Jammu region in your winter Home work notebook.

C. Answer the following questions

1. Why is Plaster of Paris stored in a moisture proof container?
2. What do you mean by neutralization reaction? Give two examples.
3. Mention two uses of baking soda and washing soda.
4. Why does a milkman add a small amount of baking soda to fresh milk to shift the pH of fresh milk from 6 to slightly alkaline?
5. Why do acids not show acidic behavior in the absence of water?
6. Rain water conducts electricity but distilled water does not. Why?
7. Why don't we keep sour substances in brass and copper vessels?
8. What is the common name of CaOCl_2 ?
9. Name the compound used for softening hard water.
10. What happens when baking soda is heated?
11. Give the properties and uses of bleaching powder.
12. Give a few uses of acids, bases and salts respectively.
13. What is a redox reaction?
14. What is corrosion? Explain its advantage and disadvantage.
15. What is rancidity? How can we reduce the problem of rancidity?
16. How is corrosion different from rusting?
17. What is meant by endothermic and exothermic reactions? Give suitable example for each.
18. Define different types of chemical reaction and give examples for each.
19. Why is photosynthesis considered as an endothermic reaction?
20. In electrolysis of water, why is the volume of gas collected over one electrode double that of the other electrode?
21. What happens when water is added to solid calcium oxide taken in a container? Write a chemical formula for the same.
22. Give one use of quick lime.
. Give three types of decomposition reaction.
23. Name the compound used for testing CO_2 gas.
24. Name two allotropes of carbon.
25. Why covalent compounds have low melting and boiling points?
26. Give two properties of ethanol.
27. What are heteroatoms?
28. Define catalyst.
29. Name the peculiar/specific chemical property exclusive in case of saturated hydrocarbons and unsaturated hydrocarbons.
30. Why does carbon forms large number of compounds?
31. Write the structural formula for bromopentane and ethanoic acid.
32. How does ethanoic acid react with carbonates and hydrogen carbonates? Show it with the equation.
33. Draw the structures of two isomers of butane.
34. Differentiate between saturated and unsaturated hydrocarbons. Give one example for each.
35. Diamond and graphite show different physical properties although they are made up of carbon and shows same chemical properties. What is the property called?
36. What is denatured alcohol?
37. What is esterification and give its uses?
38. Give difference between soap and detergent.
39. A metal 'X' loses two electrons and a non-metal 'Y' gains one electron. Show the electron dot structure of compound formed between them. Is ionic or covalent? Does it have high melting point or low? Will it conduct electricity in solid state or in aqueous solution and why? Will it be soluble in water?
40. A student was given Mn, Zn, Fe and Cu metals. Identify which of them
 - (a) will not displace H_2 from dil. HCl.
 - (b) will react only with steam to give $\text{H}_2(\text{g})$.
 - (c) Will give H_2 with 5% HNO_3 .Write the chemical reactions involved.
41. Compound X and aluminium are used to join railway tracks.
 - (a) Identify the compound X.
 - (b) Name the reaction.
 - (c) Write down its reaction.
42. Samples of five metals 'A', 'B', 'C', 'D' and 'E' were taken and added to the following solution one by one. The results obtained have been tabulated as follows.
Metal FeSO_4 CuSO_4 ZnSO_4 AgNO_3 $\text{Al}_2(\text{SO}_4)_3$ MgSO_4
A No reaction Displacement No reaction Displacement No reaction No reaction
B Displacement Displacement No reaction Displacement No reaction No reaction
C No reaction No reaction No reaction Displacement No reaction No reaction

D No reaction No reaction No reaction No reaction No reaction No reaction
E Displacement Displacement Displacement Displacement No reaction No reaction

Use the above table to answer the following questions about the given metals.

(a) Which of them is most reactive and why?

(b) What would you observe if 'B' is added to CuSO_4 ?

(c) Arrange 'A', 'B', 'C', 'D' and 'E' in the increasing order of reactivity.

(d) Container of which metal can store zinc sulphate and silver nitrate solution?

(e) Which of the above solution(s) can be stored in a container made of any of these metals and why?

43. A metal A, which is used in thermite process, when heated with oxygen gives an oxide B, which is amphoteric in nature? Identify A and B. Write down the reactions of oxide B with HCl and NaOH .

44. An element A reacts with water to form a compound B which is used in white washing. The compound B on heating forms an oxide which on treatment with water gives back B. Identify A, B and C and give the reactions involved.

KENDRIYA VIDYALAYA, LEH-LADAKH

WINTER BREAK HOMEWORK (2022-23)

CLASS-VII

SUBJECT- ENGLISH

Directions for completing the homework.

Here are the ways by which you can make your holidays fun and learning at the same time:

- ❖ Homework is divided into THREE sections.
- ❖ Buy a notebook and split it into THREE sections. Use sticky notes to section off the notebook.
- ❖ Speak in English as much as possible.
- ❖ Help parents in small household chores like dusting, cleaning and watering the plants.
- ❖ Read story books in English.
- ❖ All work presented should be done by the student himself/herself. Do all the Assignment in a neat and legible handwriting in the Homework notebook.
- ❖ All work to be submitted by 13/02/ 2022. Parents are requested to just guide the children to complete the task on their own.

SECTION-A

GOPAL AND HILSA FISH

1. Write 'True' or 'False' against each of the following sentences.

- (i) The king lost his temper easily.
 - (ii) Gopal was a madman.
 - (iii) Gopal was a clever man.
 - (iv) Gopal was too poor to afford decent clothes.
 - (v) The king got angry when he was shown to be wrong.
2. What is the moral of the story "Gopal and the Hilsa- fish?"

THE SHED (POEM) FRANK FLYNN

Answer the following question in one or two sentences.

1. What is a shed used for?
2. What does the narrator wish to open the door one day?
3. What does the brother tell the narrator? Why?
4. Where does the ghost hide?
5. Describe the window of the shed

The Invention of Vita Wonk

1. What was special about the Arabian horse? Mr. Wonka collected whose nails?
2. What was the need for Mr. Wonka to invent Vita – Wonk?
3. What were the ancient things that Mr. Wonka collected?
4. What changes came in the appearance of Oompa – Loompa volunteer after taking the drops of Vita – Wonk?

CHIVVY

Fill in the summary with the appropriate words from the box:

speaking up	good manners	Michael Rosen	decisions
purpose	elbow	children	active
elders	rules	point	polite words

The poem "Chivvy" by _____ talks about how parents and _____ try to impose _____ on children and order them. He talks about how they ask _____ to sit or stand according to their wish. They ask them to _____ rather than helping them with it. Children are even taught to eat food, not to talk when they have food, not to rest their _____ on the table etc. they are also taught _____ but the _____ behind it is not explained. They are taught not to _____ at anyone or stare at anything as it might grab attention. They are taught to use _____ like thank you please, but are not told when and why one must use them. They are always expected to be _____, not to slouch or drag their feet. Normal things like making noise is looked down upon. The poet finally questions how one can expect a child to make its own _____ when every order is already given to them.

Read the following chapters carefully and attentively at least three times. After reading write down the short summary/ main points of these chapters.

1. Golu Grows a Nose
2. I want something in a cage
3. A tiger in the house
4. Expert Detectives

SECTION - B

1. Write a letter to your younger brother/sister advising him / her to take care of his/her health.
2. Write a letter to the S.H.O. of local Police Station complaining the theft of your bicycle. You can use the given clues.

_____ (your address)
 _____ (date)

The S.H.O.
 Police Station _____

Sir

Subject : Theft of Bicycle

At about _____ I went to _____ I parked my bicycle near _____. When I came after 35 minutes, I was shocked to find that my bicycle _____. I searched _____ I inquired _____ but it was untraceable. It is a new Hero Cycle with _____ I shall be very grateful _____ in help in tracing.

Your faithfully _____
 (Sign/Name)

3. Write a paragraph on 'My Pet Animal' using the clues given below:

MY PET ANIMAL

What is your favourite pet	Its name/ colour/breed	Its physical features fact/ tail/ mouth/teeth etc	Its activities/ qualities and any other fact	Why and how much you love it
----------------------------	------------------------	---	--	------------------------------

4. You are Sandeep Singh/ Sakshi, monitor of Class-VII. You want to invite the students on Van Mahotsav for a tree plantation activity in the school and nearby areas. Draft a notice in not more than 50 words.

SECTION-D

Read, write and revise the following topics.

COLLECTIVE NOUNS

PEOPLE	ANIMALS	THINGS
<p>A band of men A cast of actors A stack of librarians A sentence of judges A galaxy of beauties A bevy of girls A choir of singers A hack of smokers A blast of hunters A blush of boys A board of directors A circle of friends A body of men A bunch of crooks A caravan of travelers A class of pupils A company of actors A crew of sailors A gang of thieves A disguising of tailors A doctrine of doctors A staff of employees</p>	<p>A colony of gulls A brood of hens A flight of birds A flock of turkeys A group of guinea pigs A litter of cubs A kennel of dogs A sloth of bears A gang of weasels An ambush of tigers A smack of jellyfish A destruction of (wild) cats A company of angelfish A squad of squid A swarm of eels A troupe of shrimp A knot of toads A clew of worms A culture of bacteria A flight of butterflies A cluster of spiders</p>	<p>A batch of cakes A bottle of milk A bowl of rice A box of cereal A can of soda A carton of milk A cup of tea A glass of water A jar of honey A jug of water A kilo of meat A loaf of bread A packet of tea A piece of cheese A pile of cookies A slice of bread A tub of margarine A bar/A square of chocolate</p>

Irregular Plurals Nouns



Singular	Plural
Trout	Trout
Genus	Genera
Focus	Foci
Person	People
Tooth	Teeth
Curriculum	Curricula
Mouse	Mice
Wife	Wives
Deer	Deer
Vita	Vitae
Quiz	Quizzes
Index	Indices
Datum	Data
Aircraft	Aircraft
Woman	Women
Leaf	Leaves
Fish	Fish
Sheep	Sheep

Singular	Plural
Goose	Geese
Tuna	Tuna
Ellipsis	Ellipses
Codex	Codies
Lavra	Lavrae
Erratum	Errata
Oasis	Oases
Ox	Oxen
Swine	Swine
Trout	Trout
Analysis	Analyses
Series	Series
Child	Children
Foot	feet
Nebula	Nebulae
Leaf	Leaves
Diagnosis	Diagnoses
Alumna	Alumnae

English Grammar - Tense Chart

Subject + **TENSES** + Object

Tenses are the form of verbs to express the time of an action.

Present Tense

Past Tense

Future Tense

V1 - Original form of the verb

V2 – Past form of the verb

V3 – Past Participle form of the verb.

Present Tense

Types	Structure	Examples
Simple Present Tense	Subject + V1 + object	<ul style="list-style-type: none"> I study English. He knows English.
Present Continuous Tense	Subject + am / is / are + V1 + ing + object	<ul style="list-style-type: none"> I am studying English. He is studying English. We are studying English.
Present Perfect Tense	Subject + has / have + V3 + object	<ul style="list-style-type: none"> I have studied English. She has studied English.
Present Perfect Continuous Tense	Subject + has / have + been + V1 + ing + object	<ul style="list-style-type: none"> I have been studying English since morning. He has been studying English for two days.

Past Tense

Types	Structure	Examples
Simple Past Tense	Subject + V2 + object	<ul style="list-style-type: none"> I went to school. He went to school.
Past Continuous Tense	Subject + was / were + V1 + ing + object	<ul style="list-style-type: none"> I / He was going to school. Students were going to school.
Past Perfect Tense	Subject + had + V3 + object	<ul style="list-style-type: none"> Reena had gone to school. They had gone to school.
Past Perfect Continuous Tense	Subject + had + been + V1 + ing + object	<ul style="list-style-type: none"> I had been going to school for last 4 years. Boys had been playing football since morning.

Future Tense

Types	Structure	Examples
Simple Future Tense	Subject + will / shall + V1 + object	<ul style="list-style-type: none"> I / We shall reach the home on Friday. The train will arrive at 2 p.m .
Future Continuous Tense	Subject + will / shall + be + V1 + ing + object	<ul style="list-style-type: none"> My Father will be waiting at the station. I shall be writing a letter to my aunt.
Future Perfect Tense	Subject + will / shall + have + V3 + object	<ul style="list-style-type: none"> She will have done her works. It will have taken by them.
Future Perfect Continuous Tense	Subject + will / shall + have + been + V1 + ing + object	<ul style="list-style-type: none"> Tomorrow, I will have been writing a surprise test. Students will have been enjoying the English grammar class for next 2 hours.

KENDRIYA VIDYALAYA, LEH-LADAKH

WINTER BREAK HOMEWORK (2022-23)

CLASS-VIII

SUBJECT- ENGLISH

Directions for completing the homework.

Here are the ways by which you can make your holidays fun and learning at the same time:

- ❖ Homework is divided into THREE sections.
- ❖ Buy a notebook and split it into THREE sections. Use sticky notes to section off the notebook.
- ❖ Speak in English as much as possible.
- ❖ Help parents in small household chores like dusting, cleaning and watering the plants.
- ❖ Read story books in English.
- ❖ All work presented should be done by the student himself/herself. Do all the Assignment in a neat and legible handwriting in the Homework notebook.
- ❖ All work to be submitted by 13/02/ 2022. Parents are requested to just guide the children to complete the task on their own.

SECTION-A

Read the following chapters carefully and attentively at least three times. While reading underline the important words and sentences with pencil, look for the meaning of difficult words in dictionary and write it down. Once the reading is complete answer the questions given for each chapter below.

THE TSUNAMI

1. How many people and animals died in Yala National Park?
2. What happened when the Ignacious family saw the sea rising? (The Tsunami)
3. Name the few unlikely heroes who emerged during the tsunami of 2004 according to the story The Tsunami?
4. Where did the Smith family and the others on the beach go to escape from the tsunami?
5. How did Almas's father and grandfather die?
6. How did Sanjeev lose his life?
7. What is the view of some experts about the animals?
8. Why it is important to be aware about natural disasters like Earthquake, Tsunami etc?

THE SUMMIT WITHIN

1. What is author's personal answer to the question as to why people climb mountains? Write a small paragraph.
2. Collect the photographs of mountaineers who climbed Mount Everest. Also write four or five sentences on each one of them.
3. What qualities are needed to undertake an adventure? Have you ever been to an adventurous trip? How did you feel on that adventurous trip? Explain.

A SHORT MONSOON DIARY

1. In what form has the chapter been written?
2. Write two adjectives used to describe the early monsoon rain.
3. What is the colour of the minivets that arrive with the rains? How does the writer describe them?
4. "There is no dearth of food for the insectivorous birds." Explain, why?
5. What happens when the rain stops on 3rd August?
6. Why does the grandmother shout imprecations at the leopard?
7. Why does the writer call the mist melancholy?
8. Why does the writer feel lonely?
9. What changes in the trees does the writer describe in his diary entry on 26th August?
10. List down the words that indicate sound.

11. Assume yourself to be a tourist who has gone to Mussoorie during the monsoon. Write a note describing your experiences.

THE SELFISH GIANT

1. There is certainly a garden/ park near you? What would you like most about this garden. What would you do to keep it in good shape?
2. Chapter 'The selfish Giant' suggests that sharing is caring and if we are helping needy people then we are doing a divine work? Do you agree with this statement? Why?

SECTION -B

Read and understand following chapters. Find the key words/lines and write the short summary/ main points of these chapters in your own words.

1. Bipin Choudhury's lapse of memory.
2. This is Jody's Fawn
3. Jalebis
4. Ancient education system in India.

SECTION-C

1. You have found a purse lying in one of the playgrounds of your school. Write a notice asking the owner of the purse to contact you.
2. You are Pari/ Pankaj, the secretary of Housing Board Colony, Leh. You are organizing a blood donation camp in your society. Write a notice urging/requesting the members of your colony to donate blood.
3. Suppose you are Dinesh Mehra, a resident of 125, Yusuf Sarai, New Delhi. Write a letter to the Manager of Haryana Roadways, Karnal, telling him about the loss of your bag in a bus. Base your letter on the following inputs:
 - boarded Haryana Roadways bus from Kamal
 - put the bag under the seat
 - forgot to take the bag
 - leather bag of brown colour
4. Suppose you are Rajni Gupta. You are a student of class VIII of, KEDRIYA VIDYALAYA LEH Your father has been transferred to Chandigarh. Write an application to your principal request him/her to issue you a school leaving certificate.

SECTION-D

Parts of Speech

Noun

A *noun* names a person, place, thing, or idea.

Person

Maria
boy
doctor

Place

New York
park
outer space

Thing

pen
watermelon
Statue of Liberty

Idea

fairness
friendliness
acceptance

Pronoun

A *pronoun* replaces the name of a person, place, thing or idea in a sentence.

you	he	him	those
we	she	her	these
they	me	this	each
	it	that	

Verb

A *verb* tells a noun's action or state of being.

Action

ask
jump
think
want
run
dance
eat
fix

State of Being

is
am
are
be
have
has
was
were

Adjective

An *adjective* describes a noun or pronoun.

Size/Shape

tiny
long
oval

Odor/Taste

nutty
flowery
sour

Texture

prickly
smooth
leathery

Appearance

bright
beautiful
faded

Article

An *article* comes before a noun in a sentence and sometimes shows if the noun refers to a specific or general person, place, or thing.

General

a dog
a farm

Specific

the dog
the farm

an apple
an octopus

the apple
the octopus

Adverb

An *adverb* tells how, how often, when, or where. It can describe a verb, an adjective, or another adverb.

How

loudly
quickly

How often

always
never

When

before
soon

Where

away
inside

Preposition

A *preposition* shows the relationship (such as direction, time, or placement) between a noun or pronoun and another word in a sentence.

about	around	into
across	before	through
after	between	to

Conjunction

A *conjunction* joins two ideas or shows the relationship between two parts of a sentence.

and	so	until
because	though	while
but	or	unless

Interjection

An *interjection* expresses strong emotion and is often followed by an exclamation point.

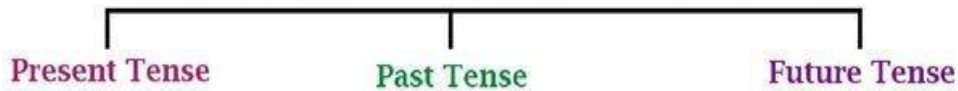
Aw	Hurry up!	Hey
Bravo!	Oh no!	Well



English Grammar - Tense Chart

Subject + **TENSES** + Object

Tenses are the form of verbs to express the time of an action.



V1 - Original form of the verb

V2 - Past form of the verb

V3 - Past Participle form of the verb.

Present Tense

Types	Structure	Examples
Simple Present Tense	Subject + V1 + object	<ul style="list-style-type: none"> I study English. He knows English.
Present Continuous Tense	Subject + am / is / are + V1 + ing + object	<ul style="list-style-type: none"> I am studying English. He is studying English. We are studying English.
Present Perfect Tense	Subject + has / have + V3 + object	<ul style="list-style-type: none"> I have studied English. She has studied English.
Present Perfect Continuous Tense	Subject + has / have + been + V1 + ing + object	<ul style="list-style-type: none"> I have been studying English since morning. He has been studying English for two days.

Past Tense

Types	Structure	Examples
Simple Past Tense	Subject + V2 + object	<ul style="list-style-type: none"> I went to school. He went to school.
Past Continuous Tense	Subject + was / were + V1 + ing + object	<ul style="list-style-type: none"> I / He was going to school. Students were going to school.
Past Perfect Tense	Subject + had + V3 + object	<ul style="list-style-type: none"> Reena had gone to school. They had gone to school.
Past Perfect Continuous Tense	Subject + had + been + V1 + ing + object	<ul style="list-style-type: none"> I had been going to school for last 4 years. Boys had been playing football since morning.

Future Tense

Types	Structure	Examples
Simple Future Tense	Subject + will / shall + V1 + object	<ul style="list-style-type: none"> I / We shall reach the home on Friday. The train will arrive at 2 p.m.
Future Continuous Tense	Subject + will / shall + be + V1 + ing + object	<ul style="list-style-type: none"> My Father will be waiting at the station. I shall be writing a letter to my aunt.
Future Perfect Tense	Subject + will / shall + have + V3 + object	<ul style="list-style-type: none"> She will have done her works. It will have taken by them.
Future Perfect Continuous Tense	Subject + will / shall + have + been + V1 + ing + object	<ul style="list-style-type: none"> Tomorrow, I will have been writing a surprise test. Students will have been enjoying the English grammar class for next 2 hours.

Revision of the Rules to form the Passive Voice

Tenses	Active	Passive
Present Indefinite	1 st form of the verb + s/es Do/does (not) + V1	Is/am/are + V3
Past Indefinite	V2 Did (not) + V1	Was/Were + V3
Present Continuous	Is/am/are (not) + V1 + ing	Is/am/are (not) + being + V3
Past Continuous	Was/were (not) + V1 + ing	Was/were (not) + being + V3
Present Perfect	Has/have (not) + V3	Has/ Have (not) been + V3
Past Perfect	Had (not) + V3	Had (not) + been + V3
Future Perfect	Will/Shall (not) have + V3	Will/shall (not) have + been + V3
Modal Verb	Will, Shall, would, should, can, could, may, might, must, ought to + V1	Will, Shall, would, should, can, could, may, might, must, ought to + be + V3
Infinitive	To + V1	To be + V3





Active & Passive Voice

Tense	Active Voice	Passive Voice
Present Simple	She delivers the letters.	The letters are delivered .
Past Simple	She delivered the letters.	The letters were delivered .
Future Simple	She will deliver the letters.	The letters will be delivered .
Present Continuous	She is delivering the letters.	The letters are being delivered .
Past Continuous	She was delivering the letters.	The letters were being delivered .
Going to	She is going to deliver the letters.	The letters are going to be delivered .
Present Perfect	She has delivered the letters.	The letters have been delivered .
Past Perfect	She had delivered the letters.	The letters had been delivered .
Infinitive	She has to deliver the letters.	The letters have to be delivered .
Modals	She must deliver the letters.	The letters must be delivered .

TENSE	DIRECT SPEECH	TENSE	REPORTED SPEECH
PRESENT SIMPLE V/Vs (do, does)	"I work hard."	PAST SIMPLE Ved/V2 (did)	He said that he worked hard.
PRESENT CONTINUOUS am/is/are + Ving	"I am working hard."	PAST CONTINUOUS was/were + Ving	He said that he was working hard.
PAST SIMPLE Ved/V2 (did)	"I worked hard."	PAST PERFECT had + Ved/V3	He said that he had worked hard.
PAST CONTINUOUS was/were + Ving	"I was working hard."	PAST PERFECT CONTINUOUS had been + Ving	He said that he had been working hard.
PRESENT PERFECT have/has + Ved/V3	"I have worked hard."	PAST PERFECT had + Ved/V3	He said that he had worked hard.
PRESENT PERFECT CONTINUOUS have/has been + Ving	"I have been working hard."	PAST PERFECT CONTINUOUS had been + Ving	He said that he had been working hard.
FUTURE SIMPLE will + V	"I will work hard."	CONDITIONAL would + V	He said that he would work hard.

कक्षा 6 शीतकालीन अवकाश गृहकार्य

संस्कृत

1. इन अध्यायों के सभी प्रश्नों के उत्तर दुबारा लिखकर याद कीजिए -

- i. क्रीडास्पर्धा
- ii. कृषिका: कर्मवीरा:
- iii. दशं त्वं असि
- iv. विमानयानम् रचयाम
- v. अहह आ: च

2. लकार
3. 5 गद्यांश

हिंदी

1. उपसर्ग व प्रत्यय के 30-30 उदाहरण
2. 2 औपचारिक व 2 अनौपचारिक पत्र
3. 2 गद्यांश व 2 पद्यांश
4. 3 निबंध - पर्यावरण प्रदूषण, समय का महत्व, मेरी पसंदीदा पुस्तक
5. वसंत व रामकथा के सभी पाठों को याद करना।

कक्षा 7 शीतकालीन अवकाश गृहकार्य

संस्कृत

1. इन अध्यायों के सभी प्रश्नों के उत्तर दुबारा लिखकर याद कीजिए -

- i. अहमपि विधालयम् गमिष्यामि
- ii. विश्वबंधुत्वम्
- iii. समवायो हि दुर्जयः
- iv. विधाधनं
- v. अमृतं संस्कृतं
- vi. लालनगीतं

2. लकार
3. 5 गद्यांश

हिंदी

1. सभी संधि के 10-10 उदहारण
2. 2 औपचारिक व 2 अनौपचारिक पत्र
3. 2 गद्यांश व 2 पद्यांश
4. 3 निबंध – बचत का महत्व , अनुशासन का महत्व , संगति का मानव जीवन में महत्व
5. वसंत व बाल महाभारतकथा के सभी पाठो को याद करना ।

कक्षा 8 शीतकालीन अवकाश गृहकार्य

संस्कृत

- 1.इन अध्यायों के सभी प्रश्नों के उत्तर दुबारा लिखकर याद कीजिए -
 - i.सप्तभगिन्यः
 - ii.नितिनवनीतं
 - iii.सावित्री बाई फुले
 - iv.कः रक्षति कः रक्षितः
 - v.क्षितौ राजते भारतस्वर्णभूमिः
 - vi.आर्यभटः
2. लकार
3. 5 गद्यांश

कक्षा 8 शीतकालीन अवकाश गृहकार्य

1. इन अध्यायों के सभी प्रश्नों के उत्तर दुबारा लिखिए -

- I. कबीर की साखियाँ
- II. सुदामा चरित
- III. जहाँ पहिया है
- IV. अकबरी लोटा
- V. सूर के पद
- VI. पानी की कहानी
- VII. बाज और साँप

Note : इन अध्यायों को दुबारा पढ़कर प्रश्नों के उत्तर याद कीजिए ।

2. रचनात्मक लेखन (Creative Writing) :-

- I. संवाद लेखन के 5 प्रश्नों का निर्माण करते हुए 100-100 शब्दों में 5 संवाद लिखिए ।
- II. 2 औपचारिक व 2 अनौपचारिक पत्र के प्रश्नों का निर्माण करते हुए 120 शब्दों में 5 पत्र लिखिए ।
- III. निम्नलिखित विषयों पर 150 शब्दों में 5 अनुच्छेद लिखिए -
 - क. कम्प्यूटर का महत्त्व
 - ख. समय का महत्त्व
 - ग. पर्यावरण प्रदूषण
 - घ. साइबर अपराध
 - ङ. मेरे जीवन का लक्ष्य

कक्षा 9 शीतकालीन अवकाश गृहकार्य

I. निम्नलिखित अध्यायों को पढ़कर निम्नलिखित प्रश्नों के उत्तर लिखिए-

अध्याय - दो बैलों की कथा

1. कांजीहौस क्या होता है ? कांजीहौस में कैद पशुओं की हाजिरी क्यों ली जाती थी ?
2. छोटी बच्ची के मन में बैलों के प्रति प्रेम क्यों उमड़ आया ?
3. किन घटनाओं से पता चलता है कि हीरा और मोती में गहरी दोस्ती थी ?
4. दो बैलों की कथा के माध्यम से मुंशी प्रेमचंद का महिलाओं के प्रति किस तरह का दृष्टिकोण प्रकट होता है ?
5. दो बैलों की कथा कहानी में कौन-कौन से नीति विषयक मूल्य उभर कर आए हैं ?

अध्याय- लहासा की ओर

1. थोडला के पहले के आखिरी गांव पहुंचने पर भीखमंगे के वेश में होने के बावजूद लेखक को ठहरने के लिए उचित स्थान मिला जबकि दूसरी यात्रा के समय भद्र वेश भी उन्हें उचित स्थान नहीं दिला सका क्यों ?
2. लेखक लङ्कोर के मार्ग में अपने साथियों से किस कारण पिछड़ गया ?
3. लेखक ने शेखर विहार में सुमति को उनके अनुमानों के पास जाने से रोका परंतु दूसरी बार रोकने का प्रयास क्यों नहीं किया ?
4. अपनी यात्रा के दौरान लेखक को किन कठिनाइयों का सामना करना पड़ा ?
5. प्रस्तुत यात्रा वृत्तांत के आधार पर बताइए कि उस समय का तिब्बती समाज कैसा था ?

अध्याय - उपभोक्तावाद की संस्कृति

1. लेखक के अनुसार जीवन में सुख से क्या अभिप्राय है?
2. आज की आज की उपभोक्तावादी संस्कृति हमारे दैनिक जीवन को किस प्रकार प्रभावित कर रही है ?
3. लेखक ने उपभोक्ता संस्कृति को हमारे समाज के लिए चुनौती क्यों कहा है ?
4. आपके अनुसार वस्तुओं को खरीदने का आधार उनकी गुणवत्ता होनी चाहिए या उसका विज्ञापन तर्क देकर स्पष्ट कीजिए ।

अध्याय - सांवले सपनों की याद

1. किस घटना ने सालिम अली के जीवन की दिशा को बदल दिया और उन्हें पक्षी प्रेमी बना दिया ?
2. सालिम अली ने पूर्व प्रधानमंत्री के सामने पर्यावरण से संबंधित किन संभावित खतरों का चित्र खींचा होगा कि जिससे उनकी आंखें नम हो गई थी ?
3. लॉरेंस की पत्नी फ्रीडा ने ऐसा क्यों कहा होगा कि मेरी छत पर बैठने वाली गौरैया लॉरेंस के बारे में ढेर सारी बातें जानती है ?
4. आशय स्पष्ट कीजिए-
क. सालिम अली प्रकृति की दुनिया में एक डाकू बनने के बजाय अथाह सागर बनकर उभरे थे ।
5. सांवले सपनों की याद शीर्षक की सार्थकता पर टिप्पणी कीजिए ।

अध्याय - प्रेमचंद के फटे जूते

1. हरिशंकर परसाई ने जो शब्द चित्र हमारे सामने प्रस्तुत किया गया है उससे प्रेमचंद के व्यक्तित्व की कौन-कौन सी विशेषताएं उभरकर सामने आती हैं?
2. आपने यह व्यंग्य पड़ा इसे पढ़कर आपको लेखक की कौन-कौन सी बातें आकर्षित करती हैं ?
3. पाठ में टीले शब्द का प्रयोग किन संदर्भों को इंगित करने के लिए किया गया होगा ?

अध्याय - मेरे बचपन के दिन

1. मैं उत्पन्न हुई तो मेरी बड़ी खातिर हुई और मुझे वह सब सहना नहीं पड़ा जो अन्य लड़कियों को सहना पड़ता है इस कथन के आलोक में आप यह पता लगाएं कि-
क. उस समय लड़कियों की दशा कैसी थी ?
ख. लड़कियों के जन्म के संबंध में आज कैसी परिस्थितियां हैं ?
2. लेखिका उर्दू फारसी क्यों नहीं सीख पाई ?
3. लेखिका ने अपनी मां के व्यक्तित्व की किन विशेषताओं का उल्लेख किया है ?
4. जावरा के नवाब के साथ अपने पारिवारिक संबंधों को लेखिका ने आज के संदर्भ में स्वप्न जैसा क्यों कहा है ?

अध्याय - साखियां और सबद

1. मानसरोवर से कवि का क्या आशय है ?
2. कवि ने सच्चे प्रेमी की क्या कसौटी बताई है ?
3. इस संसार में सच्चा संत कौन कहलाता है ?
4. मनुष्य ईश्वर को कहाँ-कहाँ ढूँढता फिरता है ?
5. कबीर ने ईश्वर प्राप्ति के लिए किन किन प्रचलित विश्वासों का खंडन किया है ?
6. कबीर ने ईश्वर को सब सांसों की सांस में क्यों कहा है ?
7. ज्ञान के आगमन की तुलना सामान्य हवा से लेकर आँधी से क्यों की है ?

अध्याय - वाख

1. रस्सी यहाँ किसके लिए प्रयुक्त हुआ है और वह कैसी है ?
2. कवयित्री द्वारा मुक्ति के लिए किए जाने वाले प्रयास व्यर्थ क्यों हो रहे हैं ?
3. कवित्री का घर जाने की चाह से क्या तात्पर्य है ?
4. ज्ञानी से क्या अभिप्राय है ?

अध्याय - सवैये

1. ब्रजभूमि के प्रति कवि का प्रेम किन किन रूपों में अभिव्यक्त हुआ है ?
2. कवि का ब्रज के वन बाग और तालाब को निहारने के पीछे क्या कारण है ?
3. एक लकड़ी और कमरिया पर कवि सब कुछ न्योछावर करने को क्यों तैयार है ?
4. सखी ने गोपी से कृष्ण का कैसा रूप धारण करने का आग्रह किया था अपने शब्दों में वर्णन कीजिए ।
5. आपके विचार से कभी पशु पक्षी और पहाड़ के रूप में भी कृष्ण और उनका सानिध्य क्यों प्राप्त करना चाहता है ?
6. “कालिंदी कूल कदंब की डारन” में कौन सा अलंकार है ? कारण सहित लिखिए ?

अध्याय - कैदी और कोकिला

1. कवि ने कोकिल के बोलने के किन कारणों की संभावना बताई है ?

2. किस शासन की तुलना तम के प्रभाव से की गई है और क्यों ?
3. कविता के आधार पर पराधीन भारत की जेलों में दी जाने वाली यंत्रणाओं का वर्णन कीजिए ।
4. अर्ध रात्रि में कोयल की चीज से कवि को क्या अंदेशा है ?
5. कवि को कोयल से ईर्ष्या क्यों हो रही है ?
6. हथकड़ियों को कहना क्यों कहा गया है ?

अध्याय - ग्राम श्री

1. कवि ने गांव को हरता जन मन क्यों कहा है ?
2. गांव को मरकत डिब्बे सा खुला क्यों कहा गया है ?
3. अरहर और सनई के खेत कवि को कैसे दिखाई देते हैं ?
4. भाव स्पष्ट कीजिए-

क. बालू के सांपों से अंकित

गंगा की सतरंगी रेती ।

ख. हंसमुख हरियाली हिम आतप

सुख से अलसाए से सोए ।

अध्याय - मेघ आए

1. निम्नलिखित किसके प्रतीक हैं? - धूल पेड़ नदी लता ताल ।
2. लता ने बादल रूपी मेहमान को किस तरह देखा और क्यों ?
3. मेघा रूपी मेहमान के आने से वातावरण में क्या परिवर्तन हुए ?
4. मेघा के लिए बन ठन के संवर के आने की बात क्यों कही गई है ?
5. कविता में कवि ने आकाश में बादल और गांव में मेहमान (दामाद) के आने का जो रोचक वर्णन किया है। उसे लिखिए ।

अध्याय - बच्चे काम पर जा रहे हैं

1. सुविधा और मनोरंजन के उपकरणों से बच्चे वंचित क्यों हैं ?
2. दिन प्रतिदिन के जीवन में हर कोई बच्चों को काम पर जाते देख रहा है फिर भी किसी को कुछ अटपटा नहीं लगता इस उदासीनता के क्या कारण हो सकते हैं । लिखिए ।
3. आपने अपने शहर में बच्चों को कब कब और कहाँ-कहाँ काम करते हुए देखा है?
4. बच्चों का काम पर जाना धरती के एक बड़े हादसे के समान क्यों है?

II. रचनात्मक लेखन (Creative Writing) :

1. 2 औपचारिक व 2 अनौपचारिक पत्र के प्रश्नों का निर्माण करते हुए 120 शब्दों में 4 पत्र लिखिए ।
2. निम्नलिखित विषयों पर 150 शब्दों में 5 अनुच्छेद लिखिए -

- क. कम्प्यूटर का महत्त्व
ख. समय का महत्त्व
ग. पर्यावरण प्रदूषण
घ. साइबर अपराध
ङ. मेरे जीवन का लक्ष्य
3. कोई भी 4 लघुकथा 100-100शब्दों में लिखिए ।
 4. ईमेल लेखन के 4प्रश्नों का निर्माण करते हुए 100 -100 शब्दों में 4 ईमेल लिखिए ।
 5. संवाद लेखन के 4 प्रश्नों का निर्माण करते हुए 100-100 शब्दों में 4 संवाद लिखिए ।
 6. सूचना लेखन के 4 प्रश्नों का निर्माण करते हुए 100-100 शब्दों में 4 सूचना लिखिए ।

कक्षा 10 शीतकालीन अवकाश गृहकार्य

रचनात्मक लेखन (Creative Writing) :

1. 2 औपचारिक व 2 अनौपचारिक पत्र के प्रश्नों का निर्माण करते हुए 120-120 शब्दों में 4 पत्र लिखिए ।
2. निम्नलिखित विषयों पर 150शब्दों में 5 अनुच्छेद लिखिए -
क. कम्प्यूटर का महत्त्व
ख. समय का महत्त्व
ग. पर्यावरण प्रदूषण
घ. साइबर अपराध
ङ. मेरे जीवन का लक्ष्य
3. ईमेल लेखन के 4प्रश्नों का निर्माण करते हुए 80-80 शब्दों में 4 ईमेल लिखिए ।
4. संदेश लेखन के 4 प्रश्नों का निर्माण करते हुए 80-80शब्दों में 4 संदेश लिखिए ।
5. विज्ञापन लेखन के 4 प्रश्नों का निर्माण करते हुए 60 -60 शब्दों में 4 विज्ञापन लिखिए ।

II. व्याकरण के सभी प्रकरणों यथा वाच्य, वाक्य, अलंकार एवं पद-परिचय को शीतकालीन अवकाश गृहकार्य में पुनः समझिए और लिखिए ।

- वाच्य, वाक्य के प्रत्येक प्रकार के कम से कम 5 उदाहरण याद कीजिए ।
- पद परिचय के कम से कम 10 प्रश्न लिखकर उन्हें हल कीजिए ।
- अलंकार के प्रत्येक प्रकार के कम से कम 2-2 उदाहरण याद कर लिखिए ।

III. बोर्ड परीक्षा के लिए भेजे गए प्रतिदर्श प्रश्न पत्रों को हल कर अपने शीतकालीन अवकाश गृहकार्य में लिखिए ।
(प्रतिदर्श प्रश्न पत्र शीतकालीन अवकाश के दौरान भेजे जाएँगे)

KENDRIYA VIDYALAYA LEH

Homework for winter vacation

CLASS-VIII

subject – science

Answer the following questions

- 1) Explain how fertilizers are difference from manure?
- 2) Discuss difference between the natural and synthetic fibres and also mention the types of synthetic fibres
- 3) What is plastics and it's characteristics ,how it is thread to the environment and what steps would you like to take to reduce its consumption?
- 4) Define natural resources and discuss its types
- 5) What are the advantages of CNG and LPG as a fuels?
- 6) What is the term deforestation and it's consquence to environment
- 7) Make a lists of any 10 national parks and10 wildlife sanctuary found in india
- 8) Make a lists of animal species found in Ladakh and also mention there status under Red data book of IUCN
- 9) What is air pollution ,mention it's causes and what steps should be taken to reduce its harmful impacts
- 10) How greenhouse gases promote globe warming and climate change
- 11) What is the difference between the sound and music ? Can music become noice sometime?
- 12) Make a well label diagram of larynx
- 13) How microorganisms help in nitrogen fixation and mention which microorganisms involves in this process

14) Name the smallest planet of the solar system

15) What is constellation? Name any three constellation?

16) Read ,write and learn chapters 9 ,10,11,12 and 17

KENDRIYA VIDYALAYA LEH

Holiday homework

CLASS -IX

Complete your biology note book

Read and learn all the units of biology

Answer the following questions

- 1) Write difference between prokaryotes and Eukaryotes
- 2) Draw the structure of Endoplasmic reticulum, Golgi body, mitochondria and plastid and also mention their functions
- 3) What is hypotonic, hypertonic and isotonic solutions?
- 4) Difference between the voluntary and involuntary muscle.
- 5) Write a notes on cardiac muscle
- 6) Draw and label the nerve cell. Explain in brief.
- 7) Differentiate between parenchyma, collenchyma and sclerenchyma on the basis of their cell wall.

- 8) Draw and label structure of stromata and mention it's functions.
- 9) What are the fluid connective tissues?
- 10) Draw a labelled diagram of areolar tissue.
- 11) Mention the three elements of xylem tissue.
- 12) Why plasma membrane is called as selectively permeable membrane?
- 13) Write about the three properties of cytoplasm
- 14) Draw the structure of plant and animal cell and label it.
- 15) Give a salient features of Annelid, Arthropods, mollusca Pisces, Amphibia, Reptile ,Aves and mammals with example.
- 16) Explain how animals in vertebrate are classified into further subgroup?
- 17) Give the salient features of Bryophytes and draw the diagram of funaria.
- 18) What is the basis of nomenclature of organism?

- 19) Explain the nitrogen ,carbon and oxygen cycle with with well label diagram.
- 20) What do u mean by the greenhouse effect ?
How it leads to accelerate climate change and global warming?
- 21) Define ozone layer and mention its formation.

KENDRIYA VIDYALAYA LEH

Winter break homework

Class X ,Subject -biology

Solve previous years papers of CBSC biology papers from 2016 to 2022 only those which are mentioned in your syllabus

Read and learn all the units of biology from ncert

Answer the following questions

1)why did Mendel carry out an experiment to study inheritance of two traits in garden pea?

2)what are the harmful effects of using plastic bags on environment. Suggest alternative to the usage of plastic bag.

3) what is the law of dominance ? Explain with an example.

4) Draw the structure of neuron and explain its functions.

6) draw the well label diagram of male and female reproductive system of human with briefly explain its parts.

7) Draw a well label diagram of following gland with explanation-

a) Adrenal gland

b) thyroid gland

c) pituitary gland

8) Define an ecosystem? Draw a block diagram to show the flow of energy in an ecosystem.

9) which natural resources are the “biodiversity hot spot”? Suggests what happens when there is loss of biodiversity

10) what is placenta? Write functions of placenta.

11) Different species use different strategies to determine sex of a newborn individual .It can be environmental cues or genetically determined. Explain the statement by giving example of each strategy.

12) In germinating seed , which parts are known as future shoot and future root ? Mention the function of cotyledon.

13) Give reason why food chain can't have more than four trophic level.

14) list three difference between arteries and veins.

15) Write distinguished features between autotrophic and heterotrophic nutrition with example.

16) Draw the well label diagram of human brain and discuss the role of brain in reflex action.

17) which is hormone ? Make a list of a hormones that are release by endocrine gland and also mention thire functions.

18)what is the need for a system of control and coordination in an organism.

19)Make a lists of plant hormones and discuss their functions.

Make a notes on these above assessment on new note book and learn all these above questions and read all the biology units.