



B.M. BHARTI MODEL SCHOOL

SUMMER
VACATION

HOLIDAYS HOMEWORK

CLASS-X

Name : _____
Class & Section : _____
Roll No. : _____
Father's Name : _____

☀️INSTRUCTIONS FOR STUDENTS DURING SUMMER HOLIDAY HOMEWORK ☀️

Dear Students,

Summer vacation is a time to relax, refresh, and enjoy with family and friends. Along with fun and recreation, complete your holiday homework sincerely and neatly. Follow these instructions carefully:

1. Complete all work on time and submit it after the vacation.
2. Maintain neatness and proper presentation in every subject.
3. Use your own handwriting and avoid copying from others.
4. Read all instructions carefully before starting the work.
5. Make your work creative, colourful, and attractive wherever required.
6. Revise the work done in class regularly during the holidays.
7. Spend some time daily in reading books, newspapers or storybooks.
8. Practice good handwriting and learn new words every day.
9. Parents are requested to guide and encourage students, but the work should be done by the students themselves.
10. Keep all notebooks and holiday homework sheets properly covered and labelled.
11. Do worksheet on worksheet itself.
12. Maintain discipline and balance studies with play, exercise, and rest
13. Take care of your health, eat healthy food, and stay hydrated during summer.
14. Enjoy your holidays and return to school with fresh energy and enthusiasm.

 **“Learning never stops when creativity and curiosity continue.”**

SUBJECT-ENGLISH

ASSESSMENT PARAMETER

Subject Enrichment Activity

TOPIC / PROJECT / ACTIVITY

Wings of Unity: Lessons from a Life (Literary Newspaper Project)

(Based on the novel Wings of Fire by A. P. J. Abdul Kalam)

Activity Description

Students will explore the values of hard work, unity, discipline, and national integration through the autobiography Wings of Fire. The project will focus on how one individual's determination can create a Domino Effect, inspiring millions across different regions of India.

Students will design a two-page newspaper (A4 size) based on the novel, highlighting Dr. Kalam's journey and its relevance to the spirit of Ek Bharat Shreshtha Bharat.

Content Requirements

Page 1

- A headline introducing the novel
- Brief introduction of Dr. A. P. J. Abdul Kalam
- His early life and challenges
- Two key actions taken by him that shaped his career (education, dedication to science, service to the nation)

Page 2

An article titled "Domino Effect of Dreams and Determination"

- (120–150 words explaining how Kalam's journey inspired students, scientists, and citizens across India)
- A comparison section:
- Values highlighted in the novel vs Values needed among Indian youth today
- Creative visuals: rockets, books, national symbols, quotes from the novel (short phrases only)

ASL Integration

Part 1: Speaking Activity

- Students will speak for 1–2 minutes on:
- One inspiring incident from Wings of Fire
- How it reflects unity, perseverance, and national pride

Part 2: Listening Activity

Students will listen to a short audio clip related to Dr. Kalam's life and answer follow-up questions.

- Learning Outcome / Skills Enhanced
- Each learner will be able to:
- Identify and explain important life lessons from the novel
- Understand the Domino Effect of positive actions and role models
- Create a structured and creative literary newspaper
- Relate the novel's message to Ek Bharat Shreshtha Bharat
- Improve reading comprehension, analytical thinking, speaking, and listening skills

Mode of Submission

- Digital: Google Classroom

OR

- Hardcopy: Handmade newspaper

(Both modes are allowed)

ASL – Reader / Speaking Questions (Class X – English)

1. Over-pampering does more harm than good.

(The Triumph of Surgery)

2. Small actions can lead to significant change—value every effort, no matter how minor.(Dust of Snow)

3. The power of faith: How belief can be a source of strength in challenging times.(A Letter to God)

4. Gratitude and humility are the foundation of a truly humane individual.(Nelson Mandela: Long Walk to Freedom)

5. Human choices shape destiny—understanding the consequences of our actions.(Fire and ice)

The ASL – Reader/Speaking Activity will be conducted in the classroom or language lab as scheduled by the teacher. Students will prepare their topic at home by reading the chapter carefully and organizing their ideas. During the assessment, each student will speak for 1–2 minutes on the given topic, explaining the theme clearly with correct pronunciation and expression. Students are expected to speak confidently without reading, maintain eye contact, and stay within the given time limit. Marks allotted accordingly

SUBJECT-SCIENCE

GENERAL INSTRUCTIONS-

- Do attached worksheets in class register.
- Revise the given topics-
- Numericals on mirror formula and lens formula.
- Balancing chemical equations.
- Human digestive system.
- Do the following experiments in your science lab manual.
 - Experiment-7 - To show that CO₂ is given out during respiration.
 - Experiment-14 -To identify different parts of a dicot seed embryo.

You can try this experiment at home.

Materials: Soaked pea/gram/bean seeds, forceps, laboratory needle.

Procedure:

1. Soak seeds in water overnight
2. Remove the seed coat gently
3. Separate the two cotyledons carefully.
4. Observe the tiny embryo attached to one cotyledon .

You will observe

1. Seed coat:Outer covering.
2. Cotyledons: Two fleshy parts that store food.
3. Embryo: Has *radicle* that forms root and *plumule* that forms shoot.
4. Diagram: Draw and label these 4 parts: seed coat, cotyledons, radicle, plumule.

PHYSICS PROJECT

Category	Details
Roll No 1 to 15	Prepare a tabular display of all the cases of image formation by concave and convex mirrors. Include proper neat ray diagrams for each case.
Roll No 15 onwards	Prepare a tabular display of all the cases of image formation by concave and convex lenses. Include proper neat ray diagrams for each case.
Materials Required	Chart paper (A3 size sheet), pencil, eraser, compass, scale etc.

CHEMISTRY PROJECT

Project: Prepare flashcards and use them to revise chemical equations given in Ch 1 .

Card Type	Front	Back
1. Name → Equation	Write reaction name	Full balanced equation
2. Match the Type	Write equation	Reaction type: Combination etc.
3. What Happens?	Write reaction	Color change / gas / precipitate

Materials: Chart paper, scissors, pen, colors. No printing needed.

Submission: Punch hole + tie with ribbon or put in old envelope.

BIOLOGY

Roll Number	Diagram
1 to 15	Digestive System
15 to 25	Respiratory System
25 onwards	Human heart

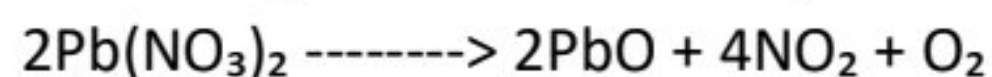
Diagram should be well labelled and drawn on A4 size sheet with the help of Ncert book.

WORKSHEET 1

Chemistry Chapter 1: Chemical Reactions and Equations

Multiple Choice Questions (1×4=4)

1. What type of reaction is represented by the following equation?



- A) Combination reaction
B) Displacement reaction
C) Decomposition reaction
D) Double displacement

2. Rancidity is caused due to:

- A) Fermentation
B) Oxidation of fats and oils
C) Dehydration
D) Reduction of fats

3. Which of the following is an exothermic process?

- a) Photosynthesis
b) Melting of ice
c) Burning of natural gas
d) Electrolysis of water

Assertion – Reason Based Question

4. Assertion (A): White silver chloride turns grey in sunlight.

Reason (R): Copper reacts with zinc sulphate to form copper sulphate and zinc is deposited.

- (a) Both A and R are true and R is the correct explanation of A.
(b) Both A and R are true but R is not the correct explanation of A.

- (c) A is true but R is false.
- (d) A is false but R is true.

Short answer type questions

5. Why is more hydrogen gas collected than oxygen in the electrolysis of water?

6. 2g of ferrous sulphate crystals are heated in a dry boiling tube.

- (i) List any two observations.
- (ii) Name the type of chemical reaction taking place.
- (iii) Write the chemical equation for the reaction.

7. How is a double displacement reaction different from a single displacement reaction?

Long answers type Questions

8. A school installed a new iron gate. After a few months, especially during the rainy season, students observed a reddish-brown layer forming on the surface of the gate. The science teacher explained this as an example of corrosion and discussed its effects and prevention methods in class.

Questions:

- a. What is corrosion?
- b. What is Galvanization?
- c. State whether corrosion is a physical or chemical change.
- d. Mention any two methods to prevent rusting of iron.

WORKSHEET 2

Biology Chapter 5: Life Processes

Multiple Choice Questions (1×3=3)

Q1. In which part of the alimentary canal is bile poured for digestion?

- A) Stomach
- B) Small intestine
- C) Large intestine
- D) Oesophagus

Q2. Which blood vessel carries oxygenated blood from the lungs to the heart?

- A) Pulmonary artery
- B) Aorta
- C) Pulmonary vein
- D) Vena cava

Q3. What is the primary mode of nutrition in Amoeba?

- a) Autotrophic
- b) Holozoic
- c) Saprotrophic
- d) Parasitic

Assertion – Reason Based Questions

Q1. Assertion (A): Hemoglobin is present in red blood cells.
Reason (R): Hemoglobin helps in the transport of oxygen.

Q2. Assertion: The human heart is a muscular organ that pumps blood throughout the body.

Reason: The heart has four chambers that ensure efficient blood circulation.

Very short answer type questions.

Q4 Which part of the human brain controls involuntary actions such as heart beat and breathing?

Q5 What is the function of the diaphragm in the human respiratory system?

Short answer type questions.

Q6. What would happen if the kidneys fail to filter waste products from the blood?

Q7. Explain why low hemoglobin level cause fatigue?

Long answer type questions.

Q8. Describe the process of human digestion.

Name the organs involved and mention the role of enzymes.

WORKSHEET 3

Physics Chapter: Light

A. Short Answer Questions (2×5=10)

1. Define refraction of light. Why does light bend when it passes from one medium to another?
2. State Snell's Law of Refraction and explain its significance.
3. What is the refractive index?
4. What happens to the speed of light when it travels from air to water?
5. The speed of light in a glass medium is 2×10^8 m/s. Calculate the refractive index of glass.

B. Numerical Problems: (5×2=10)

1. If the refractive index of water is $\frac{4}{3}$ and that of glass is $\frac{3}{2}$. Find the refractive index of glass with respect to water.
2. An object is placed 25 cm in front of a concave lens of focal length 10cm. Calculate the position of the image formed.
3. An object is placed 30 cm in front of a convex lens of focal length 15cm. Find the position of the image and determine whether it is real or virtual.
4. A diverging lens of focal length 20cm is used to form an image of an object placed 40cm in front of the lens. Calculate the image position and magnification.
5. An object is placed 20cm in front of a concave mirror. If the focal length of the mirror is 10cm, calculate the position of the image formed.

SCIENCE MODEL / PROJECT THEMES

VOCAL FOR LOCAL – Promote locally made products through innovative models.

ATMANIRBHAR BHARAT – Design projects that promote self-reliance and sustainable technology.

SWADESHI – Create projects promoting Indian-made alternatives and innovation.

SAMRIDDH BHARAT – Design models supporting development, cleanliness and technology.

Science Model/Project Themes

Prepare a science model/project based on any ONE of the following themes.

Vocal for Local

Home made Water Filter

Organic farming demonstration

Atmanirbhar Bharat

Solar street light model

Hydraulic Lift Model using Syringes

Swadeshi

Biogas plant working model

Biopesticides

Samriddh Bharat

Eco friendly house model

Plastic Bricks

Note: These are suggested as only. Students are encouraged to think creatively and design their own project aligned with the given themes.

विषय - हिन्दी

प्रिय विद्यार्थियों,

ग्रीष्मावकाश हेतु निम्नलिखित गृहकार्य ध्यानपूर्वक पूर्ण करें। कार्य साफ-सुथरी लिखावट में एवं निर्धारित प्रारूप में किया जाए।

परियोजना कार्य

निम्न दो विषयों में से किसी एक विषय पर प्रोजेक्ट फाइल तैयार करें।

1. 'एक भारत श्रेष्ठ भारत' अभियान के उद्देश्य, महत्व और गतिविधियों को विस्तार से लिखते हुए भारत के विभिन्न राज्यों में बोली जाने वाली भाषाओं व संस्कृति की रूपरेखा तैयार करें व विविधता में एकता दर्शाते हुए एक प्रोजेक्ट फाइल बनाएँ।
2. भारत की कला, संगीत, नृत्य, स्थापत्य कला, साहित्य देश की एकता को कैसे मजबूत करते हैं इस पर विस्तृत रूप से चर्चा करते हुए 'भारत की सांस्कृतिक विरासत' विषय पर एक प्रोजेक्ट तैयार करें।
 - फाइल लगभग 10-15 पृष्ठों में तैयार करें।
 - स्लोगन व चित्रों का प्रयोग करें।

रचनात्मक लेखन

निम्न कार्य अपनी हिंदी की कॉपी में करें।

1. निम्न विषयों पर आकर्षक विज्ञापन तैयार करें:-
 - स्वच्छता अभियान
 - अन्नदान महादान
 - जल ही जीवन है
2. निम्न विषयों पर लगभग 100-120 शब्दों में संकेत बिंदुओं के आधार पर अनुच्छेद लिखिए:-
 - सोशल मीडिया व विद्यार्थी जीवन (संकेत बिंदु- सोशल मीडिया के सकारात्मक व नकारात्मक प्रभाव, परिवार से दूरी बढ़ना, शिक्षा से ध्यान भटकना, संतुलित उपयोग की आवश्यकता)
 - भारतीय संस्कृति पर विदेशी संस्कृति का बढ़ता प्रभाव (संकेत बिंदु- भारतीय संस्कृति की विशेषताएँ, वर्तमान स्वरूप, विदेशी संस्कृति के सकारात्मक व नकारात्मक प्रभाव, अपनी संस्कृति के महत्व को समझना)

व्याकरण खंड

1. पाठ 'लखनवी अंदाज़' तथा 'नेताजी का चश्मा' से-
 - पाँच सरल वाक्य
 - पाँच संयुक्त वाक्य
 - पाँच मिश्र वाक्य छाँटकर अपनी हिंदी की कॉपी में लिखिए।
2. अभ्यास कार्य-पुस्तिका में दो अपठित गद्यांश व पद्यांश हल करें।

HOLIDAY HOMEWORK

WORKSHEETS OF CH-1 ,2,3,4 & 6

CLASS X (MATHEMATICS)

CHAPTER 1: REAL NUMBERS

1. The HCF of 60 and 108 is 12. Write their LCM.
2. Express 102 as a product of its primes.
3. Can two numbers have 16 as their HCF and 380 as their LCM? Give reason.
4. State the Fundamental Theorem of Arithmetic.
5. Write a rational number between $\sqrt{5}$ and 3.
6. Write whether $\frac{2\sqrt{45}+3\sqrt{20}}{2\sqrt{5}}$ on simplification gives a rational or an irrational number.
7. If 3 is the least prime factor of number a and 7 is the least prime factor of number b then find the least prime factor of $(a + b)$.
8. What is the HCF of the smallest composite number and the smallest prime number?
9. All the rational and irrational numbers together form _____ numbers.
10. For what least value of 'n' a natural number, 24^n is divisible by 8?
(a) 0 (b) -1 (c) 1 (d) No value of 'n' is possible
11. Prove that $(2+\sqrt{3})$ is an irrational number.
12. If two positive integers a and b are written as $a = x^3y^2$ and $b = xy^3$; where x, y are prime numbers, then find the HCF (a, b).
13. Prove that $\sqrt{5}$ is irrational.
14. Find the smallest number which when increased by 17 is exactly divisible by both 520 and 468.
15. What is the smallest number that, when divided by 35, 56 and 91 leaves a remainder 7 in each case?
16. On a morning walk, three persons step off together; their steps measure 75cm, 82cm and 90cm respectively. What is the minimum distance each should walk so that all can cover the same distance in complete steps?
17. Find the greatest number of 6 digits exactly divisible by 24, 15 and 36.
18. Two tankers contain 850 litres and 680 litres of petrol respectively. Find the maximum capacity of a container which can measure the petrol of either tanker in exact number of times.
19. Three sets of Science, English and Mathematics books have to be stacked in such a way that all the books are stored topic wise and height of each stack is the same. The number of science books is 84, the number of English books is 210 and the number of Mathematics books is 350. Assuming that the books are of same thickness, determine the number of stacks of Science, English and Mathematics books.
20. Show that 12^n cannot end with the digit 0 or 5 for any natural number n .

CHAPTER 2: POLYNOMIALS

1. Is the following statement True or False? Justify your answer.
If the zeroes of a quadratic polynomial $ax^2 + bx + c$ are both negative, then a, b and c all have the same sign.
2. In each of the following, determine whether the given values of x are the zeroes of the polynomial or not:
 - i. $2x^2 - 5x - 3$; $x = 3, x = -\frac{1}{2}$
 - ii. $x^2 - 4\sqrt{2}x + 6$; $x = 3\sqrt{2}, x = -\sqrt{2}$
3. If the sum of zeroes of the quadratic polynomial $3x^2 - kx + 6$ is 3, then find the value of k.
4. If α and β are the zeroes of the polynomial $ax^2 + bx + c$, find the value of $\alpha^2 + \beta^2$.
6. If the sum of the zeroes of the polynomial $p(x) = (k^2 - 14)x^2 - 2x - 12$ is 1, then find the value of k.
7. If α and β are the zeroes of a polynomial such that $\alpha + \beta = -6$ and $\alpha\beta = 5$, then find the polynomial.
8. Find the condition that zeroes of polynomial $p(x) = ax^2 + bx + c$ are reciprocal of each other.
9. Find a quadratic polynomial, whose zeroes are -4 and -5 .
10. Form a quadratic polynomial whose zeroes are $3 + \sqrt{2}$ and $3 - \sqrt{2}$.
11. Find a quadratic polynomial, the sum and product of whose zeroes are $\sqrt{3}$ and $\frac{1}{\sqrt{3}}$ resp.
12. Find the zeroes of the quadratic polynomial $\sqrt{3}x^2 - 8x + 4\sqrt{3}$.
13. If the zeroes of the polynomial $x^2 + px + q$ are double in value to the zeroes of $2x^2 - 5x - 3$, find the value of p and q .
14. Find the quadratic polynomial whose zeroes are -2 and -5 . Verify the relationship between zeroes and coefficients of the polynomial.
15. Find the value of "p" from the polynomial $x^2 + 3x + p$, if one of the zeroes of the polynomial is 2.
16. Find the value of "x" in the polynomial $2a^2 + 2xa + 5a + 10$ if $(a + x)$ is one of its factors.
17. How many zeros does the polynomial $(x - 3)^2 - 4$ can have? Also, find its zeroes.
18. If α and β are zeroes of the quadratic polynomial $x^2 - 6x + y$. Find the value of 'y' if $3\alpha + 2\beta = 20$.
19. If α and β are the zeroes of the polynomial $6y^2 - 7y + 2$, find a quadratic polynomial whose zeroes are $1/\alpha$ and $1/\beta$.
20. If α and β are the zeroes of the polynomial $p(x) = 2x^2 + 5x + k$, satisfying the relation, $\alpha^2 + \beta^2 + \alpha\beta = \frac{21}{4}$ then find the value of k.

CHAPTER 3: PAIR OF LINEAR EQUATIONS IN TWO VARIABLES

- Find the number of solutions of the following pair of linear equations:
 $x + 2y - 8 = 0$ and $2x + 4y = 16$.
- If $14x + 15y = 63$ and $15x + 14y = 53$, then find the value of $x + y$.
- If $2x - 3y = 7$ is a linear equation in two variables, write another linear equation in two variables such that the pair represents parallel lines.
- Obtain the condition for the following system of linear equations to have a unique solution:
$$ax + by = c$$
$$lx + my = n$$
- Find the value of p for which the following system of equations have exactly one solution:
$$7x - 5y - 4 = 0$$
$$14x + py + 4 = 0$$
- 2 pens and 1 pencil costs Rs 110 and 5 pens and 2 pencils costs Rs 270. Form a pair of linear equations to represent the situation.
- On comparing the ratios of the coefficients, find out whether the following pair of equations is consistent or inconsistent:
$$x - 2y = 0$$
$$3x + 4y - 20 = 0$$
- For what value of k , $3x + y = 3$ and $6x + ky = 8$ doesn't have a solution.
- What kind of lines are represented by the pair of equations $0.4x + 0.3y = 1.7$ and $0.7x - 0.2y = 0.8$?
- Check whether $x = 3$ and $y = 1$ is the solution for the pair of equations $x - y = 2$ and $x + y = 4$.
- For which values of p and q , will the following pair of linear equations have infinitely many solutions?
$$4x + 5y = 2$$
$$(2p + 7q)x + (p + 8q)y = 2q - p + 1.$$
- If $x + 1$ is a factor of $2x^3 + ax^2 + 2bx + 1$, then find the values of a and b given that $2a - 3b = 4$.
- Two numbers are in the ratio 5: 6. If 8 is subtracted from each of the numbers, the ratio becomes 4 : 5. Find the numbers.
- Solve for x and y :
$$217x + 131y = 913$$
$$131x + 217y = 827$$

CLASS-X
SUB-MATHEMATICS
TOPIC-QUADRATIC EQUATION
WORKSHEET-STANDARD

Choose the most appropriate option: (1mark each)

1. The quadratic equation $2x^2 - \sqrt{5}x + 1 = 0$ has
(A) two distinct real roots (B) two equal real roots
(C) no real roots (D) more than 2 real roots
2. Sum of a number and its reciprocal is $2\frac{1}{20}$. The numbers is
(A) $\frac{5}{4}$ (B) $\frac{4}{3}$ (C) $\frac{3}{4}$ (D) $\frac{1}{6}$

Fill in the blanks: (1mark each)

3. If $x=2$ is a root of the equation $3x^2 - 2px + 2m = 0$ and $m=3$, then value of p is_____.
4. Find the value(s) of k for which the quadratic equation $4x^2 + 2\sqrt{2}kx + 18 = 0$ has coincident roots.

Answer the following question: (1mark each)

5. The product of two consecutive positive even integers is 528. Represent this situation in the form of a quadratic equation.
6. Find the value(s) of k for which the equation $x^2 + 5kx + 16 = 0$ has real and equal roots.

Short Answer Type Question –I (2 marks each)

7. Find the values of k for which the quadratic equation $(k + 4)x^2 + (k + 1)x + 1 = 0$ has equal roots.
8. Find the roots of the quadratic equation $\sqrt{2x + 9} + x = 13$

Short Answer Type Question –II (3 marks each)

9. $\frac{1}{x-2} + \frac{2}{x-1} = \frac{6}{x}$ $x \neq 1, 2$

10. Is it possible to design a rectangular park of perimeter 80m and area 300m^2 ?

11. If -5 is a root of the equation $2x^2+px-15=0$ and the equation $p(x^2+x)+k$ has equal roots, find the value of k.

Long answer type question:

(4 marks each)

12. A train travels at a certain average speed for a distance of 63 km and then travels a distance of 72 km at an average speed of 6 km/h more than its original speed. If it takes 3 hours to complete the total journey, what is its original speed?

13. Sum of the areas of two squares is 468 m^2 . If the difference of their perimeters is 24 m, find the sides of the two squares.

14. The difference of squares of two numbers is 180. The square of the smaller number is 8 times the larger number. Find the two numbers.

DO EX-6.3 in your holiday homework notebook

PROJECT

Roll no. (1 to 12) - Topic Triangle

Roll no. (13 to 24) - Real numbers

Roll no. (25 & above) - Polynomials

SUBJECT-SOCIAL SCIENCE

PROJECT WORK

INSTRUCTIONS

Project Guidelines:

1. The project should be handwritten in a neat and clear manner.
2. Use A4 size sheets or a project file.
3. The project should be 30–35 pages long.
4. Include relevant pictures, diagrams, or newspaper cuttings.
5. Use simple language and proper headings.

Topic :

1. Consumer Rights (Roll no. 1 to 13)
2. Sustainable Development (Roll no. 14 to 26)
3. Social Issues (Poverty, Unemployment, Gender Equality, etc.) (Roll no. 27 to 39)

Social Science Project Format

1. Cover Page

- Project Title
- Student's Name
- Class & Section
- Roll Number
- School Name

2. Acknowledgement

- Write a short paragraph thanking your teacher, school, and parents for their support.

3. Certificate

- A declaration by the school/teacher stating that the project is completed by the student.

4. Index

- List all topics with page numbers.

5. Introduction

- Brief explanation of the topic
- Importance of the topic

6. Objectives of the Project

- What you aim to learn from the project
- 3–5 clear points

7. Main Content

- Divide into headings and subheadings:
- Explanation of topic

- Key concepts
- Facts and data
- Examples / Case studies
- Diagrams, maps, or pictures

8. Conclusion

- Summary of what you learned
- Final thoughts

9. Bibliography

- Books
- Websites
- Other sources

10. Appendix (Optional)

- Extra information, charts, or survey (if any)
- LAB MANUAL
- Complete lab manual of

GEOGRAPHY

Chapter 3. Water Resources.

Culture & Heritage

Make a PPT to represent the features, important, location & present data regarding the following dams according to your Roll no.

1. Bhakra Nangal Dam Roll no. 1 to 15
2. Tehri Dam Roll no. 16 to 30
3. Sardar Sarovar Dam Roll no. 31 to 45

ECONOMICS

Chapter 2 Sector of the Indian Economy

Critical Thinking Including Art integration

- Make a collage to represent all three sectors of economy, kindly use waste material things and make a review papers to show how these three sectors promote Sustainable Development.

कक्षा दशम संस्कृत ग्रीष्म अवकाश कार्य

1. पाठ प्रथमः द्वितीय, एवं तृतीय के समस्त सन्धि विच्छेद पदानि, समास विग्रह, एवं प्रत्ययः सम्बंधी प्रश्न का अभ्यास कार्य पुस्तिका मे करें ।
2. अस्माक भारतदेश, जल प्लावनं एवं छात्रजीवने संस्कृत भाषाया महत्व ऊपरी पञ्चवाक्यावि निर्माण ।
3. विशंति हिन्दी भाषायां वाक्यानि संस्कृते वा .क्य निर्माणम् ।
4. वार्षिक परीक्षायां - सफलतायै स्वामित्र प्रति वर्धनापं पत्रं ।
5. पर्वतीय स्थले भ्रमणाय मातपितु प्रति आमंत्रणं पत्र ।

SUBJECT- IT

Note – Do in your school notebook

1. Define ICT ?
2. Explain AI and uses.
3. Explain the term packet with reference to data transfer.
4. Explain Communication and its advantages.
5. Compare Wifi with WiMax
6. Explain the following terms :
 - a. DSL
 - b. ISP
 - c. Modem
 - d. WWW
 - e. LAN
 - f. MAN
 - g. WAN
 - e. URL
7. Explain P2P Architecture and how it is different from Client Server architecture?
8. What do you mean by Prompt?
9. Give any three key features of Instant Messaging
10. What is a blog? Explain its use? List any 5 websites that provide blog service.

DIGITAL WORK

1. Make a PPT on Effective Communication using AI tools on the below topics:
 - Principles of Effective Communication
 - 7C's of Effective Communication
 - Barriers in Communication and how to overcome it.
 - English or Hindi
 - Minimum slides 20
 - Take a printouts and attached in a project file with all general information

PROJECT:NEWS LETTER

Theme: "Holiday Vibes & Study Tips" A

mix of holiday celebration ideas, time management tips, and light academic prep guides for board exams.

Objective: Understand the basics of digital communication, layout design, and the use of Libre office Writer software to create newsletters.

Design a two-page E-NEWSLETTER on the topic given above using all the features of Libre office Writer.

MAKE NOTES OF CH – DIGITAL DOCUMENTS PART B IN FAIR NOTEBOOK.

