



SUMMER HOLIDAYS

HOMEWORK

— Fun • Learn • Explore —

Lord Jesus Public School

Vijay Park Gurugram - 122001

Phone No. 01242307725, 4077462,63

Class - 7th

Relax
Refresh
Recharge

Enjoy
Every Moment
• Make •
Beautiful
Memories



HOLIDAY HOMEWORK CLASS VII

Mathematics Assignment -1

Section A – Fill in the Blanks

1. One million = _____ lakhs.
2. 1 crore = _____ million.
3. The number 5,67,89,321 is written according to the _____ number system.
4. 1000 thousands = _____ million.

Section B – Insert Commas

1. Insert commas according to the International Number System:

a) 723540125 b) 3483271184 c) 4050060007

1. Insert commas according to the Indian Number System:

a) 83251890023 b) 74516730041

Section C – Write in Words

1. Write the following numbers in words according to the Indian Number System:

a) 512360290 b) 690254823

2. Write the following numbers in words according to the International Number System:

a) 700770007 b) 91823147543

Section D – Number of Zeros

1. How many zeros are there in the following?

a) One crore b) Hundred thousand c) Hundred billion

2. Write the number form of:

a) Ten arab b) Two hundred sixteen million

Section E – Compare the Numbers

1. Fill in the boxes with $>$, $<$ or $=$:

a) 500 thousand _____ 50 lakh b) 800 million _____ 80 cror

c) 3 billion _____ 30 crore d) 90 billion _____ 9 arab

Section F – Calculator Based Questions

1. A calculator increases the number by 100 every time the button is pressed. How many times should the button be pressed to show:

a) 2,300 b) 35,700

2. If the +100 button is pressed 225 times, what number will appear on the display?

3. A calculator increases the number by 1000 every time the button is pressed. How many presses are needed to show:

1. a) 74,000 b) 1,00,000

4. If the +1000 button is pressed 156 times, what number will appear on the display?

5. A Creative Calculator has buttons +1000, +100, +10 and +1. Write three different ways to make the number 742.

6. Using the least number of button presses, show 3210 on the Creative Calculator.

Section G – Algebra Questions

1. Simplify:

a) $5x + 3x$ b) $9y - 4y$ c) $12a + 7 - 5a$

2. Find the value of:

a) $3x + 5$ when $x = 4$ b) $7y - 2$ when $y = 6$

3. Write algebraic expressions for:

a) 5 more than a number x

b) 3 times a number decreased by 2

c) Sum of a and b

4. Solve:

a) $x + 7 = 15$ b) $y - 9 = 20$

Mathematics Assignment -2

Section A – Fractions

Q1. Find the sum: $\frac{3}{7} + \frac{2}{7}$

Q2. Subtract: $\frac{9}{10} - \frac{3}{10}$

Q3. Multiply: $\frac{4}{5} \times \frac{3}{8}$

Q4. Divide: $\frac{7}{9} \div \frac{2}{3}$

Q5. Find the equivalent fraction of $\frac{3}{4}$ with denominator 20.

Q6. Compare the following fractions and write the greater fraction: $\frac{5}{8}$ and $\frac{3}{4}$

Q7. Simplify: $\frac{5}{6} + \frac{1}{3}$

Q8. A pizza was divided into 8 equal slices. Rohan ate 3 slices. What fraction of pizza is left?

Q9. Find: $\frac{7}{12} - \frac{1}{4}$

Q10. Solve: $\frac{2}{3} \times \frac{9}{10}$

Section B – Arithmetic Expressions

Q11. Simplify: $25 + 8 \times 3$

Q12. Simplify using BODMAS: $36 \div 6 + 4 \times 5$

Q13. Find the value of: $(15 + 5) \div 4$

Q14. Simplify: $50 - 12 + 8$

Q15. Solve: $18 + 6 \times 2 - 5$

Q16. Simplify: $72 \div (6 \times 2)$

Q17. Find the value of: $45 - (18 \div 3)$

Q18. Simplify: $100 \div 5 + 7 \times 2$

Q19. Solve: $28 + 4 \times (6 - 2)$

Q20. Simplify: $90 - 24 \div 6 + 8$

Bonus Question

A student solved $\frac{3}{5}$ of a worksheet on Monday and $\frac{1}{5}$ on Tuesday. What fraction of the worksheet is still left?

Activity Corner

Fraction Pizza Activity

Draw a circle and divide it into 8 equal parts like a pizza.

(Use A4 size hard sheet)

1. Shade $\frac{3}{8}$ part with one color.
2. Shade $\frac{2}{8}$ part with another color.
3. Write the fraction that represents the total shaded part.
4. Write the fraction that represents the unshaded part.

- **Do both assignments in a separate notebook.**
- **Revise Chapter 1,2,4,8 for CT-1.**

English Holiday Homework Ideas – Class 7

1. Reading Project: "Book in a Box"

Read one novel from the list below (or another approved by your teacher):

- *The Diary of a Young Girl* – Anne Frank
- *Totto-Chan: The Little Girl at the Window* – Tetsuko Kuroyanagi
- *The Story of My Life* – Helen Keller
- *Three Men in a Boat* – Jerome K. Jerome
- *Animal Farm* – George Orwell

Create a "Book in a Box": Decorate a shoebox to represent the book. Inside, place five items that symbolise key characters, themes, or events. Write a small card for each item explaining its significance (50–70 words per card).

Grammar Scrapbook Project

Ask students to make a colorful scrapbook with separate sections for:

Nouns, Pronouns, Adverbs, Types of Verbs

Activities inside: Paste magazine/newspaper cuttings. Highlight grammar words using colors. Write 5 self-made sentences for each topic. Add drawings/stickers.

2. Grammar Through Movies/Cartoons

Students watch: a cartoon episode, movie scene, or advertisement. Then they: list 10 nouns identify 5 pronouns. Find examples of: Action verbs, Helping verbs, Linking verbs. This makes grammar relatable and fun.

3. Grammar Treasure Hunt

Students search for grammar items around the house. Example:

Topic - Find & Write, Proper Nouns, Brand names, places, Pronouns. From newspapers/books. Words ending in "-ly", Verbs, From recipe books/instructions. They can paste pictures too.

4. Role Play / Dialogue Writing

Students create a short conversation between two friends using: at least 10 nouns, 8 pronouns, all three types of verbs. Bonus: Underline nouns in blue, pronouns in green, verbs in red.

5. Make Your Own Newspaper

Sections can include:

Headlines

Sports

Weather

Interviews

Advertisements

Grammar tasks:- Circle nouns, Box pronouns, Highlight adverbs, Identify verb types. Very interactive and creative.

6. Grammar Board Game

Students design a mini board game like: Snakes & Ladders, Ludo, Quiz cards. Examples:

“Name 3 proper nouns”

“Use a linking verb in a sentence”

“Replace noun with pronoun”

8. Comic Strip Creation

Students create a comic story with dialogues.

Conditions: Use all grammar topics, Highlight each category with different colors. This works wonderfully for middle school learners.

9. Interview a Family Member

Students interview parents/grandparents and write:

10 nouns used, 5 pronouns, 5 adverbs

identify verb types from answers

Makes homework meaningful and personal.

10. Grammar Diary – 7 Days Challenge

Every day students write:

5 nouns

3 pronouns

3 adverbs

3 sentences using different verbs

Can be based on their daily routine.

Bonus Fun Activities

Grammar Collage

Create charts for:

Common & Proper nouns

Pronouns

Verb types

Grammar Quiz Cards

Students prepare MCQs for classmates.

Story Completion

Teacher gives a starting line:

“One rainy evening...”

Students continue story using required grammar elements.

Suggested Final Presentation

Students can submit work as:

scrapbook

folder file

mini book

digital PPT

handmade chart portfolio

This makes the homework both educational and enjoyable for Class 7 students.

Roll No 1 to 5 – Activity 1 & 2

Roll No 6 to 10 – Activity 3 & 4

Roll No 11 to 15 – Activity 5 & 6

Roll No 16 to 20 – Activity 7 & 8

Roll No 21 to 25 – Activity 9 & 10

COMPUTER

Q1. Fill in the blanks -

1. HTML stands for _____.
2. <h1> is used for _____.
3. The basic structure of an HTML page starts with <__> and ends with </__>.
4. The tag used to insert a paragraph is <__>.
5. The tag used to insert an image is <__>.
6. The title of a webpage is written inside the <__> tag.

Q2. Write True or False -

1. HTML is used to create webpages. ____
2. <h1> is the smallest heading tag. ____
3. <h1> is smaller than <h6>.
4.
 tag is used to break a line. ____
5. Images can be added using the tag. ____
6. HTML tags are written inside brackets < >. ____
7. Closing tags start with /. ____

Q3. Match the following -

Column A	Column B
<p>	Image
	Paragraph
<h1>	Largest Heading
 	Line Break

Q4. Answer the following questions -

1. What is HTML?
2. What is the function of the
 tag?
3. Write any two features of HTML.
4. What is the use of the tag?

Q5. Design a webpage about your school:

1. Different heading tags
2. Text formatting tags (, <l>, <u>)
3. An image
4. Background color

or

Design a webpage about your favourite festival using:

1. Different heading tags
2. Text formatting tags (, <l>, <u>)
3. An image
4. Background color

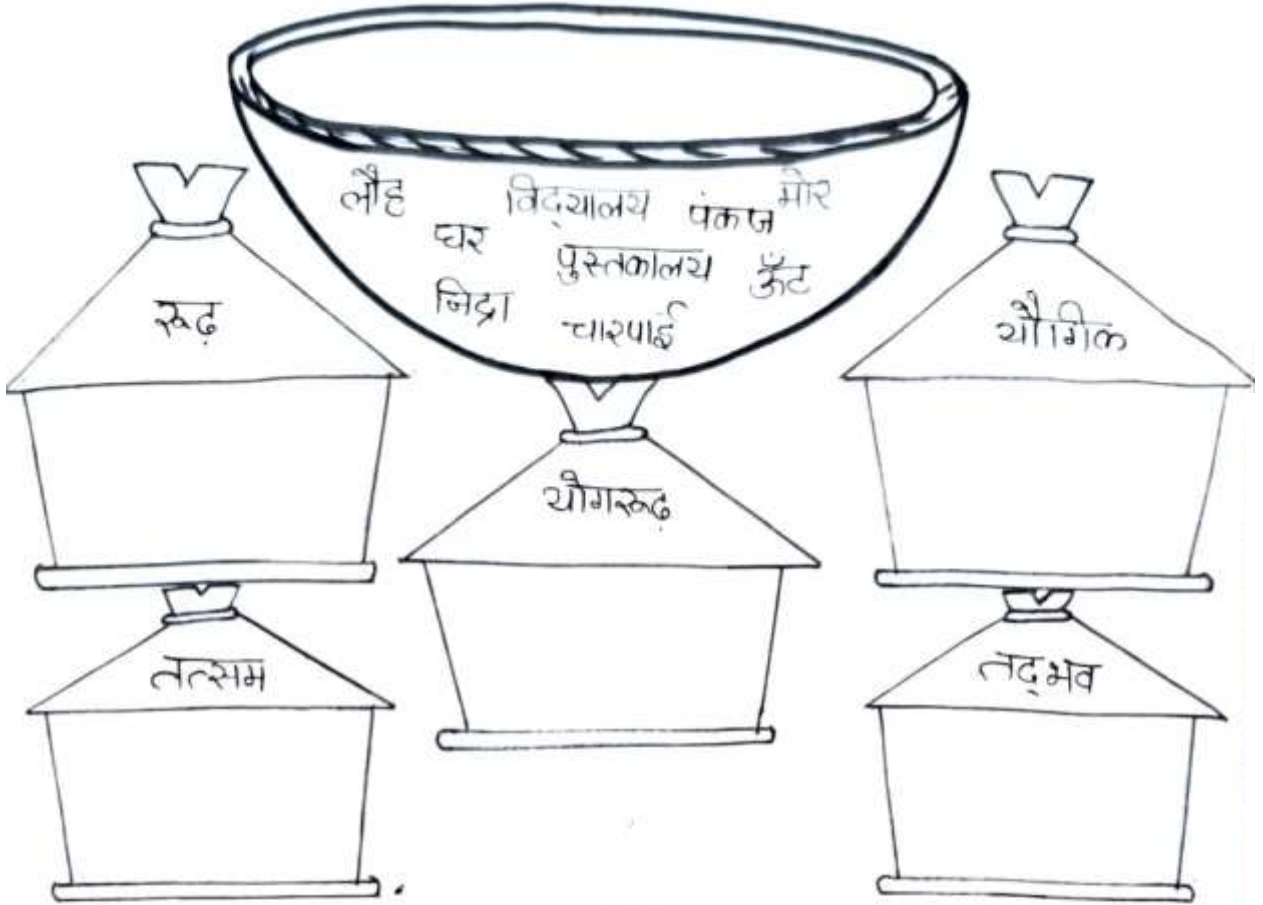
- **Note: paste the above assignment in your computer note book.**
- **Send the web page on your subject teacher's personal WhatsApp number.**

हिन्दी

सामान्य निर्देश –

- वर्तनी शुद्धता, लिखावट और रचनात्मक पर विशेष ध्यान दीजिए।
- हिन्दी विषय का कार्य अलग पुस्तिका में लिखिए।
 1. शब्द भंडार याद कीजिए।
 2. यातायात के नियमों के पालन के संबंध में दो मित्रों के बीच संवाद लिखिए।
 3. कोई एक कविता या कहानी लिखिए जिसमें आपके सपनों का वर्णन हो, जो आप जीवन में करना चाहते हो।
 4. परिवार के बुजुर्ग दादा – दादी / नाना – नानी से उनके बचपन के बारे में उनका साक्षात्कार (**Interview**) लीजिए।
 5. कक्षा में करवाए गए कार्य की दोहराया कीजिए।

प्रश्न-1 टीकरी में रखे गए शब्दों को उनके उचित धर में पहुँचाएँ -



प्रश्न-2 निम्नलिखित तद्भव शब्दों के तत्सम रूप दिए गए शब्दजाल में ढूँढिए तथा निर्दिष्ट स्थान पर लिखिए -

अ	ग्रा	हा	चं	धृ	अ
क्ष	म	स्व	र्ण	त	स्थि
अं	ग्नि	वज	औ	छठ	शू
की	कि	ल	स	त्य	क
न	व	क्षै	प्र	लै	पा
श	त्रि	ट	फ	घ	ट

आँख, आग, हड्डी, ओंठ, रात, नया,
गाँव, सौना

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Social Studies

- **Do the assignment given.**
- **Make the projects neatly and nicely. (Use pictures, colours and other creative material for a better presentation).**
- **Also, prepare well for the Unit Test Syllabus.**

Q1. Project Work –

1) Prepare a project on ‘Martin Luther’ as reformist in Europe in the 16th Century.

OR

2) Make a project on five species each from an animal and plant world which are on the verge of extinction.

Q2. Choose any one famous story of Akbar and Birbal and present it as a comic strip script. You must write a minimum 8-10 dialogues between the characters. (Refer to the image given and then create your own for a different story)

Art-Integration

So, now you've learnt about the great Emperor Akbar — the wise, brave and fair ruler. But even the greatest emperors might need a second opinion at times... and that's when I step in! Here's a little story from our lives — one that involves freezing cold, a pot of khichdi and of course... a clever trick! Read it carefully and then enact it in class with your friends.



Birbal's Khichdi

One day, Emperor Akbar went out with Birbal for a walk. As they wandered, they reached the riverbank where the washermen were washing clothes.

Your Majesty, these people serve you with such hard work and dedication. Just see how they are shivering in the cold!



Emperor Akbar smiled. He pointed towards a burning torch on the roof of his palace.



These washermen must be receiving warmth from those lighted torches.

Some time passed ...



Your Majesty, it has been long since you visited my home. Today I beg you to visit my home and enjoy the delicious Khichdi prepared by me. It will be an unforgettable experience.

Emperor Akbar arrived at Birbal's mansion.



..... Please wait a while your Majesty, the dish will soon be ready.

Birbal took Akbar to the place where the amazing Khichdi was being cooked.

See how high the fire is burning. The Khichdi is just about to be cooked.



Birbal, what foolishness is this! How can the heat from the fire on the ground reach the pot hung so high?

Meanwhile, the Emperor had begun to feel extremely hungry. He asked Birbal about the Khichdi.



Your Majesty, if the warmth from the burning torch on the rooftop of your palace can reach the men down the river, then surely, the heat from the fire on the ground will reach the pot hanging high.

As soon as he heard this, Akbar recalled the incident where Birbal had requested his help for the poor freezing washermen.

By this time lots of delicious dishes and sweets had been placed before them. Birbal and the Emperor had a good feast.

Birbal, no matter what your Khichdi is like — it has certainly removed the bandage of ignorance from my eyes.



Birbal, today's feast was truly wonderful. All the dishes were delicious but your special Khichdi was the best of all.



Moral: Wisdom wins over ignorance.

A) Learning is fun.

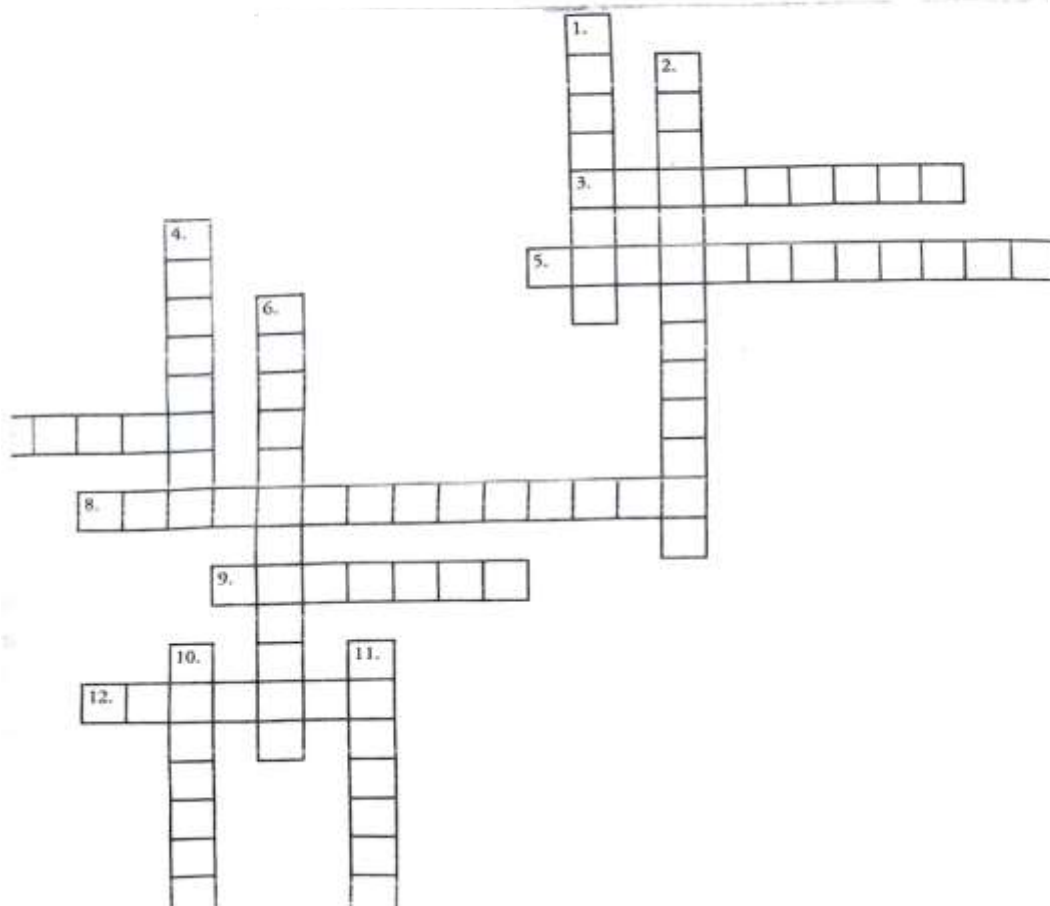
Fill in the crossword puzzle with terms related to the advent of Christianity. Use the hints given below.

ACROSS

3. The town where Jesus was born
5. Christ's rising from the dead
7. The holy book of the Christians
8. Jesus cousin who baptised him
9. The Christian rite of sprinkling water, symbolising purification and admission to Christian church.
12. Followers of Jesus, messengers of Christianity

DOWN

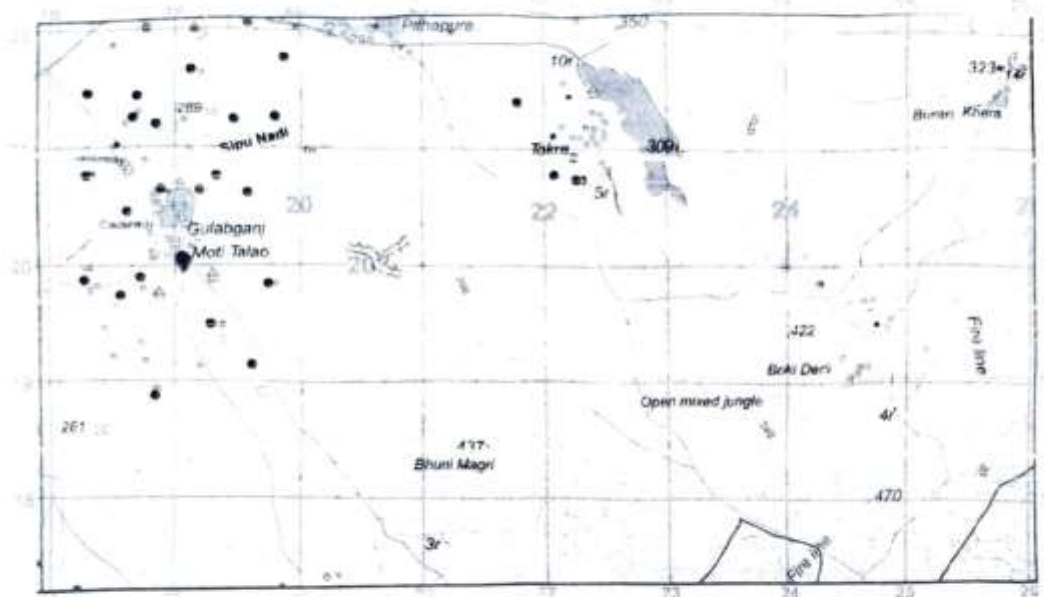
1. Short stories told by Christ
2. The Roman Governor who sentenced Jesus to death
4. Jesus grew up in this town.
6. Became the official religion of the Roman Empire under Constantinople
10. The first four books of the New Testament that tells the story of Christ's life and teachings.
11. The promised deliverer of the Jewish nation



B) Carefully observe the given part of toposheet and answer the following questions :

1. Which is the main occupation of the people ? Explain by giving a reason.
2. Identify any two man-made features.
3. What are the means of irrigation used in the region
4. What is the scale of the map ?
5. Identify any two natural features.

RF 1 : 50,000



C) Give single terms for the following :

1. The envelope of air surrounding the earth.
2. A mixture of gases.
3. The lowest layer of the atmosphere in which all weather changes take place.

D) Multiple Choice Questions :

1. The most abundant gas in the atmosphere is
 (a) Oxygen (b) Ozone
 (c) Carbon dioxide (d) Nitrogen
2. Plants require for the process of production of food.
 (a) Nitrogen (b) Oxygen
 (c) Carbon dioxide (d) Argon
3. Meteors entering the earth's atmosphere generally get burnt in layer.
 (a) Troposphere (b) Stratosphere
 (c) Mesosphere (d) Thermosphere
4. is the life breath gas.
 (a) Nitrogen (b) Oxygen
 (c) Carbon dioxide (d) Water vapour
5. It is the lowest and the densest layer of the atmosphere. It extends up to a height of 16 kilometres over the Equator and about 8 kilometres over the Poles. Identify the layers.
 (a) Troposphere (b) Stratosphere
 (c) Mesosphere (d) Thermosphere
6. Which of the following is TRUE for Ozone layer ?
 (i) The ozone layer forms a thick layer in stratosphere, encircling the earth, that has large amount of ozone in it.
 (ii) It protects our planet, i.e., Earth from the harmful radiations (Ultraviolet Radiations) that comes from the sun.

Science

“Learning never stops – let this holiday be a journey of curiosity, discovery and scientific thinking!”

Activity

1. Write three characteristics of following animal kingdoms and paste 2 pictures of animals belonging to these kingdoms in a scrap book. (Refer Lesson 2 of biology books)

i) Porifera

ii) Platyhelminthes

iii) Nematode

iv) Arthropoda

v) Reptilia

vi) Mammalia

2. Draw a beautiful and informative poster on following topics (A3 size sheet)

Roll No 1-10 Acid Rain

Roll No 11 – 20 Global Warming

Roll No 21 onwards Air Pollution

- **Revise Lesson 4 Biology, Lesson 1 physics, Lesson 1, 2 Chemistry for unit test.**
- **Solve the assignment given in a separate notebook.**

Section D: Match the Columns

Column A	Column B
1. Photosynthesis	A. Irreversible Change
2. Melting of Ice	B. kg/m^3
3. Burning of Magnesium	C. Anabolic Process
4. SI Unit of Speed	D. Physical Change
5. SI Unit of Density	E. m/s
6. Measuring Cylinder	F. To measure volume of liquids
7. Yeast	G. Lactic Acid
8. Muscle Fatigue	H. Ethanol and CO_2

Section E: One-Word / Short Answers

1. Write the chemical equation for photosynthesis in words.
2. Define 'Density'.
3. Give one example of a slow chemical change.

-
4. What happens to the intermolecular space when a solid melts?
 5. Convert 36 km/h into m/s.
 6. Which gas is consumed during respiration?
 7. Is the dissolving of salt in water a physical or chemical change?
 8. Name a solid that undergoes sublimation at room temperature.

NOTE:- Revise syllabus of Unit Test 1 thoroughly from book and register

- A small cube has a side length of **3 cm**. What is its volume?
- A brick has a length of **10 cm**, a breadth of **5 cm**, and a height of **4 cm**. Calculate its volume.

Density and Mass

- A wooden block has a mass of **40 kg** and occupies a volume of **8 m³**. Calculate the density of the wood.
- A metal cube has a volume of **5 cm³**. If its density is **7 g/cm³**, what is the mass of the cube?
- A tank holds **100 m³** of liquid. If the mass of the liquid is **500 kg**, find its density.

Speed, Distance, and Time

- An athlete runs a distance of **200 metres** in **20 seconds**. Calculate their speed in m/s.
- If a girl cycles at a steady speed of **5 m/s** for **60 seconds**, how much distance does she cover?

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