

SUMMER VACATION ASSIGNMENT 2025-26 -GRADE-VII

Prepare your Summer Vacation Assignment with coloured sheets and keep different colours for different subjects as under

English – Pink

Social Sc. -Light Grey

Science – Light Green

Hindi-Sky Blue

Comp. Sc- Light Yellow

Punjabi- Light Purple

Maths -Light Orange Art - White

SEGMENT -A -ENGLISH

PART -1 Comprehension

Read the passages and answer the questions given below.

Reading Comprehension

Q1. Read the following passage carefully:

1. Friendship is a special bond between people who share trust, love, and support for one another. True friends are always there to help, listen, and care for each other, no matter what. Friendship can bring happiness, provide comfort, and reduce stress. It is a connection that can grow over time, strengthened by shared experiences and mutual understanding.

2. There are different types of friendships, from casual ones to deep, lifelong bonds. Some friendships develop naturally, while others require effort and time to build. Sometimes, friendships can face challenges, such as misunderstandings or distance, but true friends work through these issues with open communication and empathy.

3. Friendship is important because it gives people a sense of belonging and emotional security. It can also improve mental health by providing emotional support during tough times. Studies show that friends can help reduce feelings of loneliness and isolation. They can also encourage positive behaviours, like exercising or taking care of one's well-being.

4. In the end, friendship is one of the most precious relationships in life. While not all friendships last forever, the good friends we have can impact us in positive ways, helping us grow and enjoy life. It is important to appreciate the friends who bring joy and support, as they make life richer and more meaningful.

Choose the correct option:

1. What is friendship?

- a) A relationship based on competition b) A bond of trust, love, and support
- c) A way to make money d) A connection with strangers

2. What makes true friends special?

- a) They never argue
- b) They share trust, love, and care for each other
- c) They only spend time together occasionally
- d) They don't face any challenges

3. What can cause a friendship to become stronger?

- a) Not talking to each other
- b) Sharing experiences and mutual understanding
- c) Avoiding communication d) Competing with each other

4. Why is friendship important for mental health?

- a) It helps reduce loneliness and isolation. b) It prevents physical illnesses.
- c) It increases stress. d) It causes misunderstandings.

5. The tone of the passage is:

- a) informative b) sad c) angry d) humorous

6. What does the word "belonging" mean? (Paragraph 3)

- a) feeling isolated b) a sense of ownership
- c) feeling connected and part of a group d) feeling indifferent

7. What does the word "impact" mean? (Paragraph 4)

- a) a slight effect b) a significant effect
- c) a total failure d) a gentle touch

8. What part of speech is the word "reduced"? (Paragraph 3)

- a) verb b) noun c) adjective d) adverb

9. What part of speech is the word "appreciate"? (Paragraph 4)

- a) verb b) noun c) adjective d) adverb

10. What does the word "empathy" mean? (Paragraph 2)

- a) understanding and sharing the feelings of others
- b) a lack of interest in others

c) refusing to cooperate with others

d) ignoring someone's feelings

Q11. Read the following passage carefully:

(1) The history of English literature is a vast and complex journey, spanning over a thousand years. It begins with the Old English period (450-1150 AD), a time dominated by oral traditions and heroic poetry. The most famous work from this era is Beowulf, an epic poem that tells the story of the hero Beowulf's fight against monsters and dragons. This was followed by the Middle English period (1150-1500), which saw the rise of religious texts and the works of Geoffrey Chaucer, notably The Canterbury Tales.

(2) The Renaissance period (1500-1660) brought a revival of classical learning and a flourishing of English drama, poetry, and prose. This era produced some of the most iconic works in English literature, such as William Shakespeare's plays and the poetry of John Milton. The Age Of Enlightenment (1660-1798) followed, where writers focused on reason, society, and the human condition. Notable figures of this time include Jonathan Swift and Alexander Pope, whose works critiqued the social and political landscape of the time.

(3) The Romantic period (1798-1837) emphasized imagination, emotion, and nature, with poets like William Wordsworth and Samuel Taylor Coleridge leading the way. This was succeeded by the Victorian period (1837-1901), marked by the works of Charles Dickens, the Brontë sisters, and Thomas Hardy, who wrote about the complexities of industrial society and social issues. The 20th century brought about modernism, represented by writers like T.S. Eliot and James Joyce, who experimented with form and content to reflect the disillusionment of the era.

(4) English literature continues to evolve today, as contemporary writers explore diverse themes and narratives. The history of English literature reflects the changing social, cultural, and intellectual forces that have shaped the world, from the medieval to the modern.

Answer the following questions in not less than 30 words based on the above passage:

1. What genre does Beowulf represent, and what is its significance in English literature?

2. Name two prominent writers from the Renaissance period and their contributions.

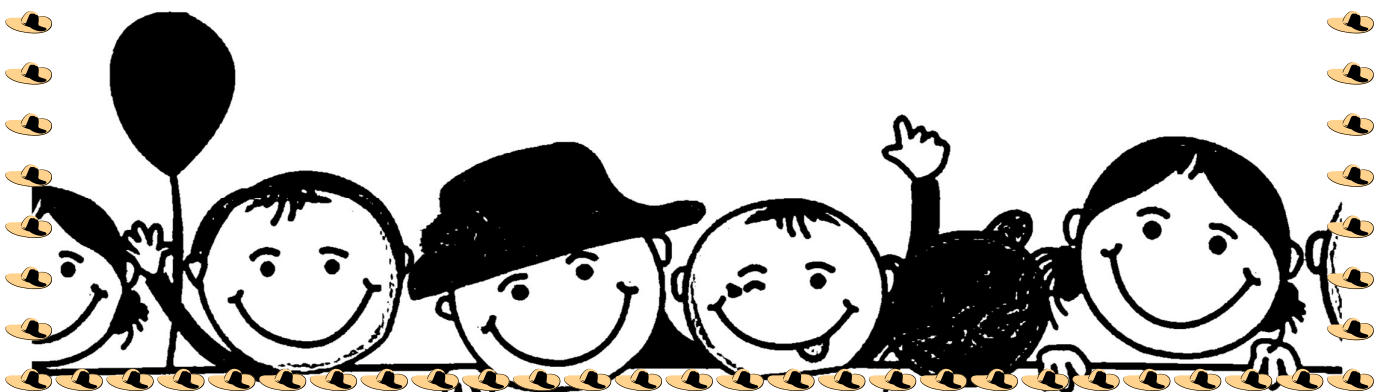
3. What themes were emphasized during the Romantic period in English literature?

4. Comment on the writing style of Victorian writers.

Think and Answer in not less than 50 words:

5. Discuss how the modernist writers in the 20th century responded to the disillusionment of the era in their works.

6. How has English literature evolved over the centuries according to the passage?



PART- 2 -Writing Skill

a. Write a letter to your friend describing how you spent your summer break. Include details about the places you visited, activities you enjoyed, and any memorable experiences. You could also share how the break affected you and what new things you learned. (80-100 words)

b. Write a letter to your English teacher updating them on your progress in the subject. Mention how you've been improving in reading, writing, or grammar and share any challenges you've faced. You could ask for suggestions on how to improve further and express your interest in learning more about literature. (80-100 words)

c. Write a letter to a friend recommending a book you've recently read. Explain why you enjoyed the book, what lessons you learned from it, and why you think your friend would like it too. Provide a brief summary of the plot without giving away spoilers. (80-100 words)

d. Write a diary entry describing a day you spent at the beach. Include what you did there, who you were with, and how the experience made you feel. Talk about the weather, the sounds, the sights, and any special moments that stood out during the day. (80-100 words)

e. Write a diary entry reflecting on your entire summer break. What were the highlights? Did you accomplish any personal goals? Did you learn something new? Reflect on how you spent your time and what you might do differently next time. (80-100 words)

f. Write a diary entry about your first day of English class. Describe how you felt about starting a new academic year, your initial impressions of the lessons, and the topics you are excited to learn about. Share any anxieties or expectations you have for the subject this year. (80-100 words)

PART- 3 -Text Book

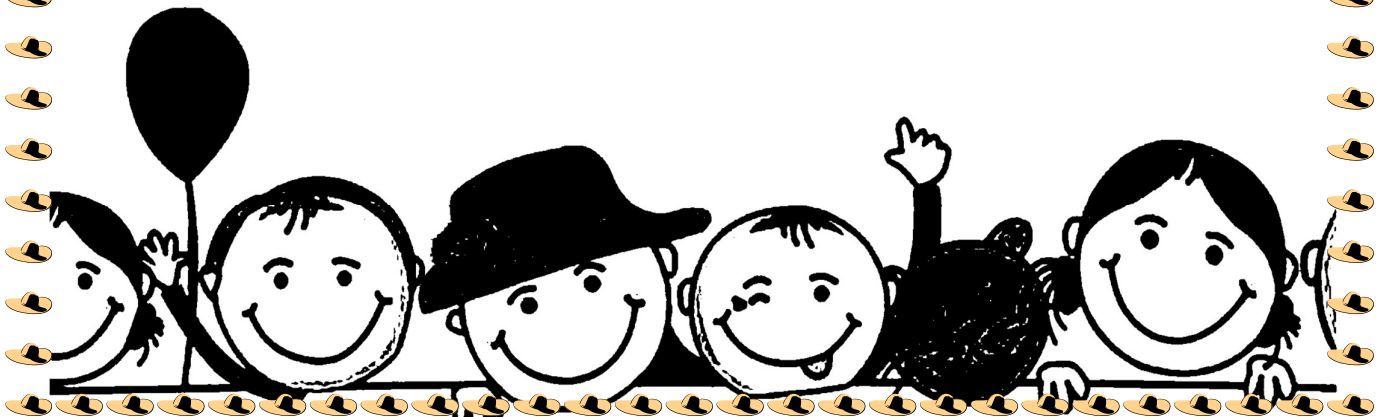
1-Reading of Ch-1 (A Tales Of Vanity and Harmony) and Ch- 2 (Power Of Forgiveness) followed by writing of the difficult words, their parts of speech and meanings.

2-Write summary of Poem "Boy Who Boasted"

3-Prepare at least 10 MCQ , 5 Very short answer questions, 5 short answer questions and 3 long answer questions from chapter "A Tales Of Vanity and Harmony"

4- Prepare at least 5 MCQ , 5 Very short answer questions, 5 short answer questions and 3 long answer questions from chapter "Power Of Forgiveness"

5- Prepare at least 10 MCQ from poem "Boy Who Boasted"



PART- 4 -Grammar

Q I. Rearrange the following words/phrases to form meaningful sentences.

- 1.health/leads to/ rising early/happiness/and
- 2.bad/ workman/ his /always /tools /blames/ a
- 3.squeaky /grease/ wheels/ the /gets /the
- 4.flying/ we / spotted/ a /rare/ bird /with /colourful/ feathers/in /the/ forest
- 5.by/ towering/ surrounded/ mountains/ the/ picturesque/ offers/ breath-taking/ valley/ views
6. the/ piano/the /concert/ the/ a/ mesmerizing/ talented/ musician/ during/ played/ melody/on
- 7.facing/obstacles/ the/ team/ their/ goal/ through/ teamwork/despite/ achieved /numerous
8. very difficult/it was/to travel/earlier/long distances
- 9.they/sky is/that/for/the/know/the/them/limit
- 10.love / of others / good manners / and / win the / respect
- 11.society / is / discipline / of / foundation / the very
- 12.nothing / courtesy / but / costs / everything / buys
- 13.and "please"/words like / wonders with / do / their magical / "thank you"/ power/small
- 14.things/to/who/those/good/wait/come
- 15.Rama's / seriously / to the temple / to pray / spoke to him / mother / and sent him

Q II. Fill in the blanks with a suitable determiner by choosing from the bracket.

1. He bought _____ milk. (some/few)
2. _____ jobs need to be done immediately. (much/many)
- 3.She hasn't got _____ money. (any/many)
- 4.He is a man of _____ words. (few/little)
- 5.I need _____ advice for my problem. (many/some)
6. _____ (the/a) stray animals have become _____ (a/the) big nuisance on city roads.
7. _____ birds are flying quite high. (that/those)
8. _____ child needs love and care. (each/every)
- 9.Can you please speak _____ louder. (little/a little)

10. He never showed _____ interest in studies. (any/many)

Q III .Identify whether the verb is transitive or intransitive. If transitive, underline the object.

1. She prepared a delicious meal for her family.

2. The wind blows gently through the trees.

3. She sleeps peacefully throughout the night.

4. We read the latest novel by our favourite author.

5. The teacher explained the complex topic to the students.

6. The clock ticks loudly.

7. They made a decision about the upcoming project.

8. She described the event in detail.

9. They played a challenging game together.

10. He fixed the broken chair in the living room.

11. The dog barks at the passing cars.

12. The river flows swiftly after the rain.

13. They organised a surprise birthday party.

14. He caught the ball during the game.

15. The ice melts in the sun.

Q IV. Supply the correct Tense of the verbs given below in the following sentences.

1. The bus _____ (leave) before we reached the terminal.

2. The moon _____ (be) a natural satellite of the Earth.

3. She is _____ (go) to Maldives next week.

4. Who _____ (invent) the computer?

5. I _____ (wake) early when I was in school.

6. Mayank _____ (play) till 4 in the evening yesterday.

7. The gardener _____ (water) the plants every day.

8. College admissions _____ (start) from next month.

9. Mary (be) _____ seriously ill last night.

10. Mayank _____ (leave) for Chennai at this time tomorrow.

Q V "Folk Tales of Gujarat and Chhattisgarh" under Ek Bharat Shreshtha Bharat (EBSB)

Students will make a collage of the folktales of Gujarat and Chhattisgarh.

Students must showcase their creativity in preparing the same.

SEGMENT -B -MATHEMATICS

PART-I- Integers

1. Write down a pair of integers whose

A) sum is -3

B) sum is 0

C) difference is 2

D) difference is -5

2. Verify the following

i) $(-25) \times [(-7) + (-15)] = [(-25) \times (-7)] + [(-25) \times (-15)]$

ii) $(-7) \times [(-8) + 9] = [(-7) \times (-8)] + [(-7) \times 9]$

3. Find the value of each of the following

i) $39 \div (-13)$

ii) $(-729) \div 9$

iii) $(-144) \div (-12)$

iv) $(-20000) \div (-200)$

v) $20513 \div (-1)$

vi) $(-49) \div [(-48) + (-1)]$

vii) $[84 \div (-12)] \div 7$

viii) $[(-10) + 5] \div [20 + (-15)]$

4. In a test (+5) marks are given for every correct answer and (-2) marks are given every incorrect answer.

(i) Radhika answered all the questions and scored 30 marks though she got 10 correct answers.

(ii) Jay also answered all the questions and scored (-12) marks though he got 4 correct answers. How many incorrect answers had they attempted?

5. The temperature at 12 noon was 10°C above zero. If it decreases at the rate of 2°C per hour until midnight, at what time would the temperature be 8°C below zero?

What would be the temperature at midnight?

6. Use $>$, $<$ or $=$ symbols in the blank space in each of the following

A. $(-3) - (-5)$ ---- $(-4) + (-9)$

B. $71 - 2 - 31$ ----- $71 - 2 + 31$

C. $39 + (-35) - (58)$ ----- $37 + (-11) - (+26)$

D. $23 + (-8) - 7$ ----- $9 - 13 + 12$

7. A place p is 82 m above the sea level and another place is 13 m below the sea

level. What is the distance between the two places?

8. Replace the blank with an integer to make it a true statement.

A) $--- \times (-12) = (-60)$

B) $5 \times ---- = (-35)$

C) $(-8) \times ---- = 72$

D) $----- \div (-3) = 9$

E) $(-20) \div --- = 5$

9. In a quiz, positive marks are given for correct answers and negative marks are given for incorrect answers. If jack's scores in five successive rounds were 65, -10, -15, 20, 30. what was his total score at the end.

10. In a quiz, team a scored -50, 30, 0 and team b scored 60, 30, -40 in three successive rounds. Which team scored more ?

11. A fruit merchant earns a profit of ₹ 6 per bag of orange sold and a loss of ₹ 4 per bag of grapes sold.

A) Merchant sells 1800 bags of orange and 2500 bags of grapes. Find the profit or loss in the transaction.

B) What is the number of bags of oranges to be sold to have neither profit nor loss if the number of grapes bags are sold is 900 bags.

PART-II- Fractions & Decimals

1. Simplify: $7/8 + 5/6$

2. Subtract: $6\frac{1}{3} - 2\frac{3}{4}$

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

4. Divide: $5\frac{2}{3} \div \frac{7}{2}$

5. Express 0.875 as a fraction in the lowest terms.

6. Convert $1\frac{1}{4}$ to a decimal.

7. Find the reciprocal of $\frac{9}{16}$ and express it in decimal form.

8. Multiply: 0.24×2.5

9. Divide: $13.5 \div 4.5$

10. Express 4.125 as a fraction in simplest form.

11. A man walks $\frac{3}{4}$ km in 15 minutes. How far will he walk in 1 hour 30 minutes?

12. Multiply and simplify: $\frac{5}{6} \times \frac{3}{4} \times \frac{8}{15}$

13. Divide: $\frac{6}{7} \div \frac{9}{14}$. Also, explain the reciprocal method.

14. The price of 1.5 kg of sugar is Rs.60. Find the cost of 3.25 kg.

15. Reduce: $\frac{48}{60}$ and express as a decimal.

16. A car covers 67.2 km in 1.6 hours. What is its speed in km/h?

17. A tank holds 18.75 litres of water. If 4.5 litres is used, how much is left?

18. A book has 2.5 cm thickness. How tall will a stack of 24 books be?

19. Convert: $\frac{13}{20} + \frac{7}{8} - \frac{5}{6}$ into a single simplified fraction.

20. Write 5 decimal numbers between 2.4 and 2.5.

21. A recipe requires $\frac{3}{5}$ cup of sugar. If you want to make 4 batches, how much sugar is needed in total?

22. Shweta bought 3.75 m of cloth. She used 1.5 m for a dress and 0.75 m for a shirt. How much cloth is left?

23. A rope is 9.6 m long. It is cut into pieces of 1.2 m each. How many pieces are formed?

24. A student reads 15.6 pages in 12 minutes. How many pages can they read in 30 minutes?

25. A water tank is filled up to 7.25 litres. If 2.5 litres is taken out every day, in how many days will the tank be empty?

26. Sandhya finishes a work in $\frac{5}{6}$ hour whereas Soma finishes the same in $\frac{3}{4}$ hour. Who finished the work in more time? By what fraction of an hour is it longer?

27. Ruma purchased $5\frac{3}{4}$ kg of potatoes, $2\frac{1}{2}$ kg of onions and $1\frac{3}{4}$ kg of tomatoes. What total weight of vegetables did Ruma purchase?

28. One packet of biscuits requires $3\frac{1}{2}$ cups of flour and $2\frac{1}{3}$ cups of sugar. What is the estimated total quantity of both ingredients used in 10 such packets of biscuits?

29. Renu completed $\frac{1}{3}$ part of her homework in 1 hour. How much part of her homework had she completed in 3 hours?

30. In a class of 50 students, $\frac{1}{5}$ of the total number of students eat chapati only, $\frac{2}{5}$ of the total number of students like to eat rice only and the remaining students like to eat both. Find the number of students who like to eat
(i) chapati only (ii) rice only (iii) both chapati and rice

PART-III- Rational Numbers

1. Fill in the Blanks:

- a) A rational number is a number that can be expressed as a fraction $\frac{p}{q}$ where p and q are _____ and $q \neq 0$.
- b) The additive inverse of $\frac{5}{7}$ is _____.
- c) The rational number $-\frac{8}{10}$ in simplest form is _____.
- d) The product of two rational numbers is always a _____ number.

2. True or False:

- a) $\frac{3}{4}$ and $\frac{6}{8}$ are equivalent rational numbers.
- b) The sum of $\frac{2}{3}$ and $\frac{4}{5}$ is $\frac{6}{8}$.
- c) $\frac{7}{-9}$ is the same as $-\frac{7}{9}$.
- d) The rational number $\frac{0}{1}$ is zero.

3. Multiple Choice Questions (MCQs):

- a) Which of the following is not a rational number?

1. $\frac{5}{2}$ 2. $-\frac{3}{7}$ 3. $\frac{4}{0}$ 4. $\frac{0}{5}$

- b) What is the sum of $\frac{1}{2}$ and $\frac{2}{3}$?

1. $\frac{3}{5}$ 2. $\frac{7}{6}$ 3. $\frac{5}{6}$ 4. $\frac{4}{6}$

- c) What is the reciprocal of $\frac{3}{4}$?

1. $\frac{4}{3}$ 2. $\frac{3}{4}$ 3. $-\frac{3}{4}$ 4. $-\frac{4}{3}$

4. Simplify:

a) $\frac{2}{5} + \frac{3}{10}$ b) $\frac{7}{8} - \frac{1}{4}$ c) $\frac{3}{7} \times \frac{4}{9}$ d) $\frac{5}{6} \div \frac{2}{3}$

5. Word Problems:

- a) A rope is $\frac{7}{4}$ meters long. If it is cut into pieces of $\frac{1}{2}$ meter each, how many pieces are there?
- b) A tank is $\frac{5}{6}$ full. If 10 liters of water are added to it, it becomes full. What is the capacity of the tank?

6. Short Answer Questions

1. Express $\frac{24}{36}$ in simplest form.

2. Convert 0.75 to a fraction and simplify.

3. Subtract $\frac{3}{4}$ from $\frac{5}{6}$.

4. Multiply $\frac{7}{9}$ by $\frac{3}{4}$.

5. Divide $\frac{8}{15}$ by $\frac{2}{5}$.

7. Long Answer Questions

1. A cake recipe calls for $\frac{2}{3}$ cup of sugar. If you want to make $\frac{1}{2}$ of the recipe, how much sugar do you need?

2. Simplify the following expression: $\frac{3}{4} + \frac{1}{6} - \frac{1}{3}$.

3. Find the value of $\frac{5}{8} \div \frac{2}{3} \times \frac{4}{5}$.

4. If $\frac{4}{5}$ of a number is 20, what is the number?

5. Ravi has $\frac{7}{12}$ of a liter of paint. He uses $\frac{1}{3}$ of it to paint a wall. How much paint is left?

LEARN PROPERTIES OF RATIONAL NUMBERS

Closure Property: The sum, difference, and product of two rational numbers is also a rational number.

Commutative Property: $a + b = b + a$ and $a \times b = b \times a$, where a and b are rational numbers.

Associative Property: $(a + b) + c = a + (b + c)$ and $(a \times b) \times c = a \times (b \times c)$, where a , b , and c are rational numbers.

Distributive Property: $a \times (b + c) = (a \times b) + (a \times c)$, where a , b , and c are rational numbers.

Identity Property: $a + 0 = a$ and $a \times 1 = a$, where a is a rational number.

Inverse Property: For every rational number a , there exists an additive inverse $-a$ and a multiplicative inverse $\frac{1}{a}$, such that $a + (-a) = 0$ and $a \times (\frac{1}{a}) = 1$.

Addition and Subtraction: To add or subtract rational numbers with different denominators, we need to find the least common denominator (LCD) and then perform the operation.

Multiplication: To multiply two rational numbers, we multiply the numerators and then multiply the denominators.

Division: To divide one rational number by another, we multiply the first rational number by the reciprocal of the second rational number.

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SEGMENT -C-SCIENCE

WORKSHEET -I -Nutrition in Plants

A. Fill in the blanks.

1. ———help living organisms to build their bodies and provide energy.
2. ———-is an organism which has both plant and animal-like features.
3. Cuscuta is a ——— plant as it derives its nutrition from other plants.
4. ———— is a living partnership between a ———— and an algae.
5. A bacterium living in the roots of leguminous plants is ————.

B. Write True or False.

1. Brown pigment present in leaves of plants is chlorophyll. ————.
2. Stomata are pores present on the leaf for gas exchange. ————.
3. Food factory of the plant is its leaves. ————.
4. Mushroom shows a parasitic mode of nutrition. ————.
5. Leaves of the pitcher plant modify to trap insects. ————.

C. Match the following.

- | | |
|---------------------|--------------------|
| 1. Dodder. | Pitcher plant |
| 2. Insectivorous | Vessels |
| 3. Chlorophyll | Holozoic nutrition |
| 4. Tubes for water. | Cuscuta |
| 5. Amoeba | Green pigment |

D. Answer the following in brief.

1. What is meant by symbiotic relationship?
2. How do vessels help the roots of plants?
3. Write the equation for the process of photosynthesis.
4. Why some plants have red leaves or leaves with yellow patches?
5. Explain holozoic nutrition with examples.

E. Answer the following.

1. Why cuscuta is called a parasite?

2. How does Venus fly trap plant catch an insect ?

3. Differentiate between saprophytic and parasitic type of nutrition.

4. Leaves are food factory of the plant. Explain.

5. Euglena is both an autotroph and a heterotroph in nutrition. How?

G. Pick the correct answer (MCQ)

a. Mucor, yeast have ——— nutrition

1. Parasitic 2. Saprophytic 3. Autotrophic 4. None

b. Digestion outside the body of an organism is called

1. Intracellular 2. Intercellular 3. Extracellular 4. Parasitic

c. Pitcher plant is

1. Insectivorous 2. Parasite 3. Saprophytic 4. None

d. Amarbel is an example of a ———plant.

1. Parasite 2. Saprophytic 3. Insectivorous 4. All of these

e. Photosynthesis requires

1. Sunlight 2. Water 3. Chlorophyll 4. All of above

f. Variegated leaves are found in

1. Coleus 2. Cabbage 3. Crotons 4. All of these

g. This gas is used by plants during photosynthesis.

1. Oxygen 2. Carbon dioxide

3. Hydrogen 4. None

h. Euglena has ——— nutrition.

1. Autotrophic 2. Heterotrophic

3. Both autotrophic & heterotrophic 4. None

i. These are products of photosynthesis.

1. Oxygen 2. Water 3. Carbohydrates 4. 1 & 3

j. Water is absorbed by —— of plants.

1. Roots 2. Stem 3. Leaves 4. All of these

WORKSHEET -II - Nutrition In Animals

A. Fill in the blanks.

1. The long, tubular beak of the humming bird helps it to suck ———.
2. Most fungi & some ——— are ——— in nutrition.
3. Roundworms and ——— are ———.
4. Process of breakdown of complex molecules into simple ones is —.
5. Elimination of undigested food from the alimentary canal is——.

B. Write true or false.

1. White, protective material covering the teeth is enamel ———.
2. Canines are used for grinding of food. ———.
3. Epiglottis prevents the food from entering our lungs. ———.
4. Bile juice is produced by the pancreas gland. ———.
5. Cud chewing herbivores are called ruminants. ———.

C. Match the following.

- | | |
|--------------------|----------------|
| 1. Buffalo, sheep. | Pseudopodia |
| 2. Gall bladder. | Grinding teeth |
| 3. Amoeba. | Oesophagus |
| 4. Premolars. | Bile juice |
| 5. Food pipe. | Ruminants |

D. Answer the following briefly.

1. Explain the terms- digestion and egestion.
2. Explain how pseudopodia help amoeba during intake of its food.
3. Explain the need of epiglottis in the digestive system.
4. Name the four types of teeth.
5. Draw the diagram of the buccal cavity to show & label all four types of teeth

E. Answer the following.

1. Justify that a bear is an omnivore.
2. Differentiate between a. Absorption & assimilation b. Milk teeth & permanent teeth

3. Explain the role of 1) acid in the stomach 2) bile juice in the liver.

4. Explain how pancreas helps as a gland during the digestion of food.

5. What is meant by rumination? How is it helpful to the herbivores?

6. Draw a well labelled diagram of the human digestive system.

F. Pick the correct option. (MCQ)

1. Enamel, the hardest substance in our body is made of

a. Calcium b. Magnesium c. Keratin d. All of above

2. Incisors are used for

a. Tearing of food b. Cutting of food

c. Grinding of food d. None

3. Baby teeth are also called

a. Permanent teeth b. Milk teeth

c. Molars d. Incisors

4. Bile helps in the digestion of

a. Fats b. Proteins c. Carbohydrates d. All of above

5. Which of these glands help in digestion?

a. Liver b. Pancreas c. Oesophagus d. Both a & b

6. Cud chewing animals are

a. Omnivores b. Herbivores c. Carnivores d. None of above

7. Pseudopodia help amoeba in

a. Trap its food b. Digest its food c. For its movement d. Both a & c

8. Villi in small intestine help in

a. Digestion of food b. Absorption of digested food

c. Ingestion of food d. All of these

9. Caecum helps the cow in digestion as it has — — — present in it

a. Fungi b. Algae c. Bacteria d. None

10. Blue-black colour after adding drops of iodine shows presence of

a. Starch b. Fats c. Proteins d. None

WORKSHEET-III - Heat and its Effects

1. Define the following terms:

i. Heat ii. Temperature iii. Conduction iv. Convection v. Radiation

2. Fill in the blanks

a. A reliable measure of the hotness of an object is its_____

b. The range of a clinical thermometer in Celsius scale is_____ & in Fahrenheit is_____

c. The range of laboratory thermometer is_____

d. _____thermometer does not use mercury.

e. Heat is transferred in liquids by_____

f. We receive heat from sun by_____

g. Heat travels through solids by_____

h. The maximum and minimum temperatures of the previous day, reported in weather reports, are measured by the thermometer called _____thermometer.

3. What is the normal temperature of human body in $^{\circ}\text{C}$ & $^{\circ}\text{F}$?

4. Why is mercury used in thermometers?

5. What precautions should be observed while reading a clinical thermometer?

6. What precautions should be observed measuring temperature with a laboratory thermometer?

7. Give reason why :-

a) Rooms are provided with ventilators & exhaust fans near top of side walls.

b) It is advisable to place room heaters at the ground level for effective heating.

c) Air conditioners should be installed at the top windows. 8. Shopkeepers while selling ice blocks, usually cover them with jute sacks. Explain why.

9. Explain sea breeze and land breeze with the help of a diagram.

10. Why is the box of solar cooker painted black from inside?

11. UnJumble the following jumbled Words

a. oocdnctiu b. mrehmeeottr c. tuermrtpeea d. atruolnsl

12. A marble tile would feel cold as compared to a wooden tile on a winter morning, because the marble tile

(a) is a better conductor of heat than the wooden tile.

(b) is polished while wooden tile is not polished.

(c) reflects more heat than wooden tile.

(d) is a poor conductor of heat than the wooden tile.

13. What are the two conditions necessary for the conduction of heat?

14. Identify which one are good conductor and poor conductors of heat

a. Water b. Copper c. Air d. Plastic

e. wood f. Iron g. Aluminium

15. Answer the following in one word each:

(a) The SI unit of heat-

(b) The SI unit of Temperature-

(c) The instrument used to measure the temperature-

(d) The transfer of heat from hotter part to a colder part of an object due to vibration of a particles-

(e) The material that do not conduct heat-

16. Explain the construction and working of a clinical thermometer with the help of a labelled diagram?

17. A liquid having a temperature of 48 degree Celsius and placed on a table acquires a stable temperature of 36 degree Celsius. What is the room temperature and what season could it be?

18. Explain the construction and working of a thermos flask with the help of a labelled diagram?

WORKSHEET-III-Project Work

1- Prepare a project as per topic allotted to your section

Section-A- Modes of Nutrition OR Photosynthesis in Plants

Section-B- Heterotrophic Plants OR Symbiosis

Section-C Human Digestive System OR Feeding & Digestion in Amoeba

2- Draw a table on colourful A4 sheet paper and write the feeding habits and habitat of 7 animals (how they eat , what they eat),.

3- Collect four different types of flowers and leaves, paste them on a A4 sheet and write 3 to 4 sentences about each.

SEGMENT -D-SOCIAL SCIENCE

WORKSHEET-I- Places of Eminence

- 1 What are three primary sources for studying history?
- 2 Describe the unique structure and features of the Chand Baori of Abhaneri?
- 3 What is the importance of terracotta tiles in the temple of Bishnupur and why were they used extensively ?
- 4 According to a legend, how did the Malla dynasty in Bishnupur come into existence?
- 5 Frame at least 20 MCQ's from this chapter not done so far.
- 6 Frame 5 very short answered questions (one /two words), 5 short answered questions (one line/sentence) and 5 long answered questions (up to 200 words)

WORKSHEET-II- Locality - Then and Now

1. Frame at least 20 MCQ's from this chapter not done so far.
2. Frame 5 very short answered questions (one /two words), 5 short answered questions (one line/sentence) and 5 long answered questions (up to 200 words)

WORKSHEET-III- Local Administration - Panchayat

1- Chose the correct option:-

1. How many levels are there in a local government?

(a) Two (b) Three (c) Four (d) Five

2. What is Zila Parishad?

(a) Local government of Gram Level
(b) Local government of Block Level.
(c) Local government of District Level.
(d) None of these

3. In which state a few Bal Panchayats have worked to eliminate child labour and child marriage.

(a) Maharashtra (b) Bihar (c) Bengal (d) Sikkim

4. started applying Anna Hazare's model of rainwater harvesting, watershed conservation.

(a) Popatrao Baguji Pawar. (b) Vandana Bahadur Maida.

(c) Dnyaneshwar Kamble (d) None of these

5. How many villages are there in India?

(a) 400000 (b) 500000 . (c) 600000 (d) 700000

II- Fill in the blanks.

6. The Panchayat Samiti at the block level is the link between the andthe at the district level.

7. The secretary of the Gram Panchayat is not an elected person but is appointed by

8. is the other name for Janpad Panchayat?

9. In state Sangkhu Radhu Khandu Gram Panchayat has given a lot of importance to children's needs and rights.

10.is a transgender person who was elected Sarpanch of Tarangfal village in the Solapur district of Maharashtra in 2017.

III- Short Answer Type Question.

11. Explain the structure of three tier system at rural level.

12. What is significance of Child-Friendly Panchayat or Child Parliament?

IV- Long Answer Type Questions

13. Why do we need local government in rural India REMARKS.

V- Prepare extra questions

14. Frame 5 very short answered questions (one /two words), 5 short answered questions (one line/sentence) and 5 long answered questions (up to 200 words)

PROJECT / ACTIVITY WORK

Refer Chapter -9 "Agricultural Pattern" from your SST Book , prepare

1- "Farmer's Diary" (Creative Writing Task)

Write a one page diary entry from the perspective of a farmer.

Describe a day in his life during sowing or harvesting season.

Include his hopes, challenges, and experiences.

(Use pictures and newspaper cut outs)

2. DIY Agricultural Tools Display (Craft Task)

Using clay, cardboard, waste materials, or paper cutting make mini models of tools like ploughs, tractors, watering systems, etc.

Label them and explain their use in 1-2 sentences

3. Interview a Farmer

Talk to a local farmer or watch any related documentary/interview.

Write 5-7 lines summarizing what you learned.

Note :- Decorate your all three assignments 1,2 and 3 Using drawings, stickers, dry leaves, or millet grains etc.

1).Make a chart on the following Topic

SECTION B- History of computer

SECTION C- Uses of computers

2). Answer the following question:

1. Who is known as the father of computer?
2. Who invented Napier's Bone and from where its name comes from.
3. What types of technology used in third generation computer?
4. Write any two limitation of computer.
5. Write full form of computer.

3) On A4 size sheet, make a poster on cyber-crime.

WORKSHEET-

I- MCQs

1. Find the invalid variable among the following:

- a. 1st_string b. my_string_1 c. _ d. foo

2. The order of precedence in the Python language is:

- A) Exponential B) Parentheses C) Division D) Multiplication
E) Subtraction F) Addition

- a. B,A,D,C,F,E b. A,B,D,C,F,E c. A,B,C,D,E,F d. B,A,D,C,E,F

3. Which one of these is incorrect?

- a. float('nan') b. float('inf') c. float('12+34') d. float('56'+78')

4. The value of the Python expression given below would be: $4+2**5//10$

- a. 77 b. 0 c. 3 d. 7

5. The return value for trunc() would be:

- a. bool b. float c. int d. None

6. What is the output of the Python code given below, if the date of the system is June 21st, 2017 (Wednesday)? [] or {} {} or []

- a. [] [] b. [] {} c. {} {} d. {} []

7. The output of this Python code would be:

s='{0}, {1}, and {2}'

s.format('hi', 'great', 'day')

- a. 'hi, great, and day' b. 'hi great and day'
c. 'hi, great, day' d. Error

8. The output of this Python code would be:

a = ['mn', 'op']

for i in a:

i.upper()

print(a)

- a. [None, None] b. ['MN', 'OP'] c. ['mn', 'op'] d. None of the above

9. The output of this Python code would be:

print("mno. PQR".capitalize())

- a. Mno. Pqr b. Mno. Pqr c. MNO. PQR d. mno. pqr

10. Which arithmetic operators can we NOT use with strings?

- a. - b. + c. * d. All of the above

11. Which function do we use to shuffle a list(say list1)?

- a. shuffle(list1) b. list1.shuffle()

c. random.shuffleList(list1)

d. random.shuffle(list1)

12. In the following statements of Python, which ones will result into the output:
6?

A = [[1, 2, 3],

[4, 5, 6],

[7, 8, 9]]

a. A[3][2]

b. A[2][3]

c. A[1][2]

d. A[2][1]

13. Is this code valid in Python?

```
>>> m=6,7,8,9
```

```
>>> m
```

a. No, many values will unpack

b. Yes, (6,7,8,9) will be printed

c. Yes, 6 will be printed

d. Yes, [6,7,8,9] will be printed

14. Which function removes a set's first and the last element from a list?

a. pop

b. remove

c. dispose

d. discard

15. The output of this Python code would be:

```
>>> x={1:"X",2:"Y",3:"Z"}
```

```
>>> del x
```

a. the del method does not exist for dictionary

b. the del would delete the values present in dictionary

c. the del would delete the entire dictionary

d. the del would delete all the keys in dictionary

16. The output of this Python code would be:

```
sum(1,2,3)
```

```
sum([2,4,6])
```

a. 6, 12

b. Error, Error

c. Error, 12

d. 6, Error

17. The output of this Python code would be:

```
def find(x, **y):
```

```
    print(type(y))
```

```
    find('letters',X='1',Y='2')
```

a. Dictionary

b. An exception is thrown

c. String

d. Tuple

18. Which one of these is NOT true about recursion?

a. We can replace a recursive function by a non-recursive function

b. The memory space taken by the recursive functions is more than that of non-recursive function

c. Running a recursive function is faster as compared to a non-recursive function

d. The process of recursion makes it easier for users to understand a program

19. The output of this Python code would be:

```
a = ['mn', 'op']
```

```
print(len(list(map(list, a))))
```

a. 4

b. 2

c. Not specified

d. Error

20. Which of these functions can NOT be defined under the sys module?

a. sys.argv

b. sys.readline

c. sys.path

d. sys.platform

21. Which function doesn't accept any argument?

a. re.compile

b. re.findall

c. re.match

d. re.purge

22. In Python, the primary use of the tell() method is that:

a. within the file, it tells the end position

b. within the file, it tells the current position

c. it tells us if the file is opened

d. none of the above

23. The hasattr(obj,name) is used to:

a. check if any specific attribute exists

b. set an attribute

c. access the object's attribute

d. delete an attribute

24. Find out the private data field among the following:

```
def __init__(self):
```

```
    __m = 1
```

```
    self.__n = 1
```

```
    self.__o__ = 1
```

```
    __p__ = 1
```

a. __m

b. __n

c. __o__

d. __p__

25. In Python, find which one isn't an exception handling keyword.

a. accept

b. finally

c. try

d. except

II- Fill in the blanks from hints given below

GUIDO VAN ROSSUM

VARIABLE

SYNTAX

KEYWORD

LINE BY LINE

EDIT

I. _____ refers to the grammatical rules to be followed while writing program in any language.

II. Python was created by _____.

III. _____ menu is generally used to edit the file in use.

IV. In the interactive mode of Python, the instructions are executed _____ giving the output.

V. A _____ is a named memory location that stores the data.

VI. Python _____ cannot be used as a variable name.

SECTION -F



WORKSHEET-HINDI

1- शब्द सूची

1. मातृभूमि	2. प्रशंसा	3. गुणगान	4. प्राकृतिक
5. त्रिवेणी	6. रघुपति	7. अमराई	8. सुगन्धित
9. बाँसुरी	10. गौतम	11. अहिंसा	12. आवाज़
13. प्रफुल्लित	14. गतिविधियाँ	15. शब्दकोश	16. नास्तिक
17. मुश्किल	18. ध्यानचंद	19. जादूगर	20. ओलंपिक
21. रेजिमेंट	22. सूबेदार	23. छावनी	24. भयभीत
25. अनुकूल	26. प्रतिकूल	27. आस्तिक	28. अतिवृष्टि
29. निरादर	30. आशीर्वाद	31. संन्यासी	32. कवयित्री
33. घनिष्ठ	34. किताब	35. रामायण	36. राष्ट्रप्रेम
37. दवाई	38. बीमार	39. प्रतिनिधि	40. अतिथि
41. तूफ़ान	42. दयालु	43. कार्यक्रम	44. त्योहार
45. संतुष्ट	46. विशेषता	47. अत्यधिक	48. मुकाबला
49. शर्मिंदा	50. नौसिखिया	51. कप्तान	52. प्रतियोगिता
53. अलगोजा	54. शहनाई	55. भंकोरा	56. नादस्वरम
57. दिवस	58. रोमावलि	59. वसुंधरा	60. स्वर्णिम

उपरोक्त शब्द सूची में से

- 1- किन्हीं 10 शब्दों का अपने वाक्यों में प्रयोग करो ।
- 1- इन शब्दों में से संज्ञा शब्दों की सूची तैयार करो ।
- 2- दिए गए शब्दों में से उपसर्ग तथा प्रत्यय वाले शब्दों की अलग- अलग सूची बनाइए।
- 3- दिए गए शब्दों में से किन्हीं 10 शब्दों के 2-2 पर्यायवाची शब्द लिखो ।
- 4- दिए गए शब्दों में से किन्हीं 10 शब्दों के विलोम शब्द लिखो
- 5- दिए गए शब्दों में से संयुक्त शब्दों का संधि विच्छेद करके लिखो ।
- 2- पाठ्य पुस्तक आधुनिक हिन्दी में संगृहित पाठ “जीत की उड़ान” से सम्बन्धित 5-5 बहुविकल्पीय, अतिलघु उत्तरिय, लघु उत्तरिय प्रश्न तैयार करो ।
- 3- स्वच्छता पर आधारित एक लेख लिखो ।
- 4- हिन्दी वर्णमाला पर आधारित एक चार्ट तैयार करो ।
- 5- कोई एक कविता (100 शब्द) अथवा कहानी (300 शब्द) अथवा निबंध (300 शब्द) लिखो जिसमें आपके सपनों का वर्णन हो, जो आप अपने जीवन में करना चाहते हो।

SECTION -G



1. ਆਪਣੇ ਮਾਤਾ ਜੀ ਵੱਲੋਂ ਸਵੇਰ ਤੋਂ ਸ਼ਾਮ ਤੱਕ ਕੀਤੇ ਕੰਮਾਂ ਦੀ ਇੱਕ ਸੂਚੀ ਬਣਾਓ।
2. ਗਰਮੀ ਤੋਂ ਬਚਾਅ ਲਈ ਸਾਵਧਾਨੀਆਂ ਵਰਤਣ ਦਾ ਸੰਦੇਸ਼ ਦਿੰਦਾ, ਇੱਕ ਚਾਰਟ ਤਿਆਰ ਕਰੋ।
ਤੁਹਾਨੂੰ ਇਹ ਚਾਰਟ ਤਿਆਰ ਕਰਨ ਲਈ ਕਿਹੜੀਆਂ-ਕਿਹੜੀਆਂ ਚੀਜ਼ਾਂ ਦੀ ਲੋੜ ਹੋਵੇਗੀ, ਚਾਰਟ ਤਿਆਰ ਕਰਨ ਦੀ ਵਿਧੀ ਬਾਰੇ ਵੀ ਲਿਖੋ।
3. 'ਭੋਜਨ ਬਚਾਓ' ਵਿਸ਼ੇ ਤੇ ਇੱਕ ਪੋਸਟਰ ਤਿਆਰ ਕਰੋ ਅਤੇ ਭੋਜਨ ਨੂੰ ਬਰਬਾਦ ਹੋਣ ਤੋਂ ਬਚਾਉਣ ਲਈ 10 ਲਾਈਨਾਂ ਲਿਖੋ।
4. ਤੰਦਰੁਸਤ ਰਹਿਣ ਲਈ ਕੋਈ ਪੰਜ 'ਯੋਗਾ ਆਸਨ' ਦੀਆਂ ਤਸਵੀਰਾਂ ਲਗਾ ਕੇ ਉਹਨਾਂ ਬਾਰੇ ਲਿਖੋ।
5. ਸੰਗੀਤ ਦੇ ਸਾਧਨ ਜਿਵੇਂ- ਤੂੰਬੀ, ਢੱਡ ਸੁਰੰਗੀ, ਡਫਲੀ, ਅਲਗੋਜਾ, ਚਿਮਟਾ ਵਾਰੇ ਲਾਈਨਾਂ ਲਿਖੋ ਅਤੇ ਤਸਵੀਰਾਂ ਲਗਾਓ।
6. 'ਦੇਸ਼ ਪਿਆਰ' ਨਾਲ ਸੰਬੰਧਿਤ ਕੋਈ ਦੇ ਕਵਿਤਾਵਾਂ ਲੱਭ ਕੇ ਲਿਖੋ।

SECTION -H
General



1. Write one Handwriting page daily in language as under
 - a) Monday , Tuesday Wednesday - ENGLISH
 - b) Thursday , Friday - HINDI
 - c) Saturday , Sunday - PUNJABI
2. Learn and Write at least 3 new English letters from dictionary to build up your vocabulary (Make a date wise record)
3. 15th June is Father's Day -Prepare a Greeting for your Dad
4. 21st June is World Yoga Day -Prepare a poster of various YOGA AASANS



केवल अविभावकों के लिए

प्रिय अविभावक, नमस्कार आप से विनम्र अनुरोध है कि नीचे आपके बच्चे के दैनिक जीवन से जुड़ी कुछ अच्छी आदतें दी गई हैं। क्या आपका बच्चा अपने दैनिक जीवन में इन अच्छी आदतों का अनुसरण / पालन करता है। कृपया हां / ना में उत्तर दें।

1. क्या आपके बच्चे ने सुबह उठकर सबसे पहले अपने बड़ों का अभिवादन किया? 1-----
2. क्या आपके बच्चे ने दंतध्वान एवं नित्य क्रिया से निवृत्त होकर ॐ का उच्चारण किया? 2-----
3. क्या आपका बच्चा अपने से बड़ों का सम्मान करता है? 3-----
4. क्या आपका बच्चा हमेशा सच बोलता है? 4-----
5. क्या आपका बच्चा अपना गृहकार्य समय पर पूरा करता है? 5-----
6. क्या सभी के साथ आपके बच्चे का व्यवहार अच्छा होता है? 6-----
7. आपका बच्चा अपने छोटे से प्यार करता है? 7-----
8. आपके बच्चे ने कभी किसी का मज़ाक उड़ाया है? 8-----
9. क्या आपका बच्चा ज़रूरत मंद की सहायता करता है? 9-----
10. क्या आपका बच्चा मेहनती है? 10-----
11. क्या वो हमेशा प्यार से बातें करता है? 11-----
12. क्या आपका बच्चा बड़ों के बीच बोलता है? 12-----
13. क्या वो दूसरे की वस्तुएँ पूछ कर लेता है? 13-----
14. क्या आपका बच्चा दूसरों के ऊपर कॉमेंट्स पास करता है और मज़ाक बनाता है? 14-----
15. दूसरे द्वारा आपके बच्चे को कोई वस्तु दिए जाने पर क्या वो उसको धन्यवाद करते हैं? 15-----
16. आपका बच्चा अपनी किताबें व्यवस्थित करके रखता है? 16-----
17. क्या वह सुबह समय पर उठता है? 17-----
18. क्या उसके पढ़ाई करने का समय निश्चित है? 18-----
19. क्या वह गलती करने पर माफ़ी माँगता है? 19-----
20. क्या वह दूसरों के काम में दखल देता है? 20-----
21. क्या वो बाहर की चीज़ें खाना ज़्यादा पसंद करता है? 21-----
22. क्या वह अपने से बड़ों की बातें मानता है? 22-----
23. क्या वह घर के कामों में अपनी मम्मी की सहायता करता है? 23-----
24. क्या वह किसी से द्वेष भावना रखता है? 24-----
25. क्या वह अपने काम के प्रति ईमानदार है? 25-----
26. क्या वह दिन में दो बार ब्रुश करता है? 26-----
27. खाना खाने से पहले व खाना खाने के बाद हाथ साबुन से अच्छी प्रकार से धोता है? 27-----
28. क्या वह अपने नाखूनों को साफ़ रखता है? 28-----
29. क्या आपका बच्चा सुबह का नाश्ता सही समय पर करता है? 29-----
30. क्या आप का बच्चा पौष्टिक भोजन करता है? 30-----

SCHOOL ANNUAL MAGAZINE CALLING!!!

Dear Students,

Greetings of the day!

The school magazine is gearing up to showcase the creative pursuits of its talented students. Hence, we invite the valuable entries from you for the session 2025-26.

You can submit:

1. Self-composed poems, articles, stories, drawings on any topic.
2. Decent jokes and puzzles.
3. Articles (self-composed) on special days that take place throughout the year.
4. You can submit articles/poems on the following topics also:
 - i) Your favourite music band and why is it special to you.
 - ii) Write an article stating some of the ways in which children can handle bullying in school. You can share a related story also.
 - iii) Why Discipline is Critical, It Gives You Natural Power, Increases Potential.
 - iv) An Unforgettable Act of Kindness: Write about an act of kindness that you did or was done for you.
 - v) Eco Warriors: Adopt a plant this summer and narrate how you felt taking care of it. (Attach related photographs)
 - vi) Superheroes Amongst Us: Story of a person around you, who has been a real superhero (especially in recent Indo-Pak Conflict)
 - vii) Let's Play Sports: Enjoying and learning different games during vacations
 - viii) Recycling and Upcycling projects: Any project that you took up during the vacations to recycle or upcycle. Please attach the related photographs.
 - ix) Math Games and Puzzles ☞ Innovative and Easy Kids Recipes
 - x) The Amazing Word of Animals: Fascinating Facts and Quiz
 - xi) Reviews and Recommendations of Good Books

Last Date for Submission: July 15, 2025

Email id for sending the content: Lteskks@gmail.com

Kindly keep the following points in mind while submitting your work:

1. Content for the magazine to be emailed on the given email id only.
2. Mention name, class and section properly
3. Mail self-composed articles, poems, stories, puzzles etc. in MS Word format only along with your passport size photo.
4. All pictures and drawings should be mailed in JPEG format.
5. Only one creative work will be accepted per child.

Sd.

PRINCIPAL, KKCS

