

SUMMER VACATION ASSIGNMENT 2025-26 -GRADE-VIII

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.

Passage 1- The Power of Artificial Intelligence

In recent years, Artificial Intelligence (AI) has emerged as one of the most revolutionary advancements in science and technology. AI refers to the ability of machines or computer systems to perform tasks that normally require human intelligence, such as learning, decision-making, problem-solving, and language understanding. From voice assistants like Siri and Alexa to self-driving cars and personalized online recommendations, AI is becoming a part of our everyday lives. It helps doctors in diagnosing diseases, aids farmers in predicting weather patterns, and even assists teachers in creating smart learning tools. One of the most fascinating aspects of AI is its ability to learn from experience. Unlike traditional machines that can only follow pre-set instructions, AI systems can analyse data, recognize patterns, and improve their performance over time. This feature is known as machine learning.

However, AI also raises important questions. For example, can machines ever truly think like humans? What will happen to jobs if machines begin to perform most tasks? These are ethical concerns that scientists and society must consider. While AI holds great promise, it must be used responsibly. Ensuring that AI systems are fair, safe, and do not harm people is very important. Technology is a powerful tool, but like all tools, it must be used wisely. The future of AI is both exciting and uncertain. If developed carefully, AI has the potential to solve some of the world's biggest challenges, such as climate change, global hunger, and access to quality education. Students today must not only understand how AI works but also learn to think critically about how it should be used. Moreover, as AI continues to evolve, collaboration between scientists, governments, and educators will become essential. By working together, we can create rules and systems that guide the ethical use of AI while ensuring that

everyone benefits from its advancements. Preparing the next generation to be not just consumers but also thoughtful creators of technology is the key to a balanced and bright future.

Choose the correct answer-

1. What does "Artificial Intelligence" mean?

- a) natural behavior of animals b) intelligence shown by humans only
- c) human-like intelligence shown by machines

2. What does the term '*machine learning*' mean?

- a) teaching humans to work faster b) machines following only fixed commands
- c) machines learning and improving from experience

3. According to the passage, why is it important for students to learn about AI?

- a) to build robots at home
- b) to understand and think critically about its use
- c) to replace scientists

4. Which of the following is a synonym for '*revolutionary*' as used in the passage?

- a) Boring b) Groundbreaking c) Unimportant

5. Choose the antonym of '*responsibly*' from the passage)

- a) Cautiously b) Wisely c) Foolishly

Passage 2- The World of Sports

Sports have always played an important role in human history. From ancient Olympic games in Greece to modern international tournaments, sports unite people across countries, cultures, and backgrounds. Whether it is cricket, football, tennis, or athletics, each game teaches valuable life lessons such as teamwork, discipline, and perseverance. In today's fast-paced digital world, sports offer a healthy way to stay active and reduce stress. Children and adults who play sports regularly are known to have better physical health, stronger immunity, and improved mental wellbeing. Sports also help build social skills, as they often involve communication, cooperation, and mutual respect among team members. One of the most exciting aspects of sports is competition. Competing allows players to push their limits, develop strategies, and work toward goals. Winning brings joy and recognition, while losing teaches humility and the importance of learning from mistakes. Many famous athletes like Serena Williams, Lionel Messi, and Neeraj Chopra started from humble beginnings and rose to international fame through hard work and determination. Apart from physical games, mental sports like chess and e-sports are also gaining popularity. They require concentration, planning, and quick decision-making. These games

show that sports are not just about physical strength but also mental sharpness. However, the world of sports is not without challenges. Issues like cheating, unfair practices, doping, and commercialization sometimes affect the true spirit of the game. It is essential to promote fair play and sportsmanship in every sport. After all, the real purpose of sports is not just winning medals, but building character and uniting people. In the future, sports will continue to evolve with new technologies and formats. Virtual reality training, data analytics, and advanced equipment are changing how athletes prepare and perform. As fans and participants, we must appreciate the hard work behind every performance and respect every player's effort.

Choose the correct answer-

1. What is the main idea of the passage?

- a) the history of ancient sports b) importance and values of sports in life
- c) how to become a sports star

2. According to the passage, what do sports teach us besides physical fitness?

- a) social media skills b) life skills like teamwork and discipline
- c) mathematics

3. What is meant by the phrase "push their limits"?

- a) get tired quickly b) play for a short time
- c) try their best and go beyond their usual capacity

4. What lesson can be learned from losing in sports?

- a) to never try again b) to blame others
- c) to stay humble and learn from mistakes

5. What challenge is NOT mentioned in the passage?

- a) Doping b) Cheating c) Fan violence

6. How are new technologies helping in sports?

- a) by replacing players b) by changing the rules
- c) by improving training and performance

7. Why should fans respect players, according to the passage?

- a) because they win medals b) because they are celebrities
- c) because of the hard work and effort they put in

8. Which word is a synonym for 'perseverance' as used in the passage?

- a) Laziness b) Giving up c) Determination

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9. What is the antonym of 'humility' in the context of sportsmanship?

- a) Pride b) Kindness c) Honesty

10. How does the passage show that sports contribute to both physical and mental development?

- a) by only mentioning sports celebrities
- b) by describing the use of technology in games
- c) by giving examples of physical health benefits and mental sports like chess

Passage 3-Importance of Teachers in Students' Life

Teachers play a vital role in shaping the future of students. They are not just individuals who deliver lessons from textbooks, but mentors who guide, inspire, and support students throughout their educational journey. A good teacher can ignite curiosity, build confidence, and develop a love for learning in young minds. From the early years of school to higher education, teachers help students understand difficult concepts, set goals, and improve their character. They encourage discipline, responsibility, and critical thinking, which are necessary not only in academics but also in everyday life. Many students remember their teachers not just for what they taught, but for how they made them feel — respected, capable, and motivated. Apart from academics, teachers often act as counsellors and role models. They listen to students' problems, help solve conflicts, and show empathy and care. In many cases, teachers can identify a student's strengths and weaknesses better than anyone else and provide the right support to help them grow. The guidance of a kind and thoughtful teacher can change a student's life for the better. In today's world, where technology is advancing rapidly, the role of teachers has become even more important. While the internet can provide information, only a teacher can provide wisdom, values, and moral understanding. Teachers help students distinguish between right and wrong, and encourage them to become responsible citizens. Teaching is more than a profession — it is a service to society. A teacher's work often goes unnoticed, but the impact they leave on their students lasts a lifetime. Behind every successful person, there is often a teacher who believed in them when no one else did. In conclusion, teachers are the true builders of a nation. Their influence goes far beyond the classroom, as they shape attitudes, values, and dreams. A kind word, a patient explanation, or a small encouragement from a teacher can create a lifelong impact. As students, it is important to appreciate and respect our teachers, for they dedicate their time and energy to help us grow. The bond between a teacher and student is one of trust, guidance, and lasting inspiration.

Choose the correct answer-

1. According to the passage, what makes a good teacher memorable?

a) giving a lot of homework

b) teaching with anger

c) making students feel respected and capable

2. Why are teachers considered more important in the digital age?

a) they know how to use smartphones

b) they help students with internet problems

c) they provide values and wisdom that technology cannot

3. What does the passage suggest about the role of teachers beyond academics?

a) they give exams

b) they help students cheat

c) they act as role models and counselors

4. Which word is a synonym for *vital* as used in the passage?

a) Unnecessary

b) Boring

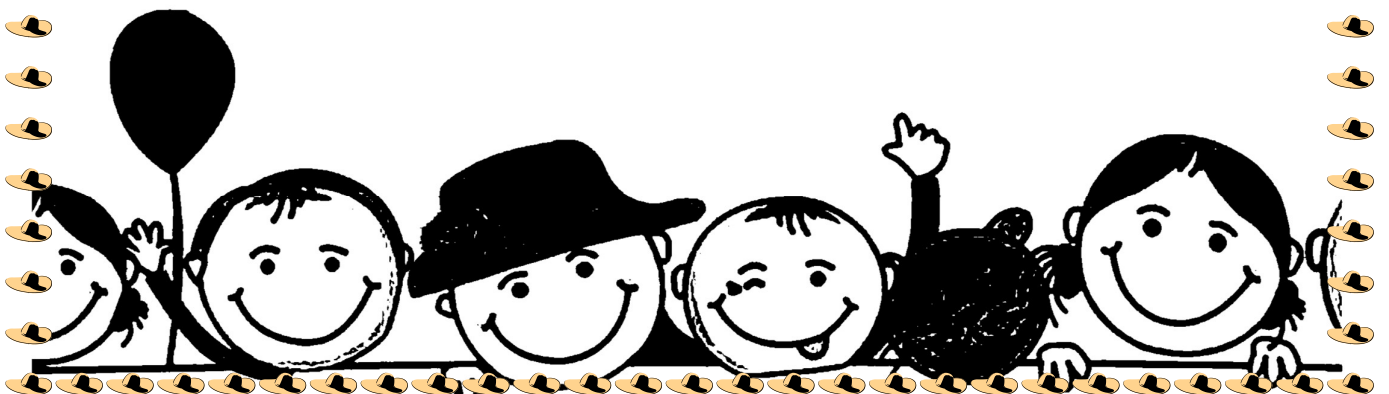
c) Essential

5. Choose the antonym of *confidence* from the options below

a) Bravery

b) Shyness

c) Strength



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

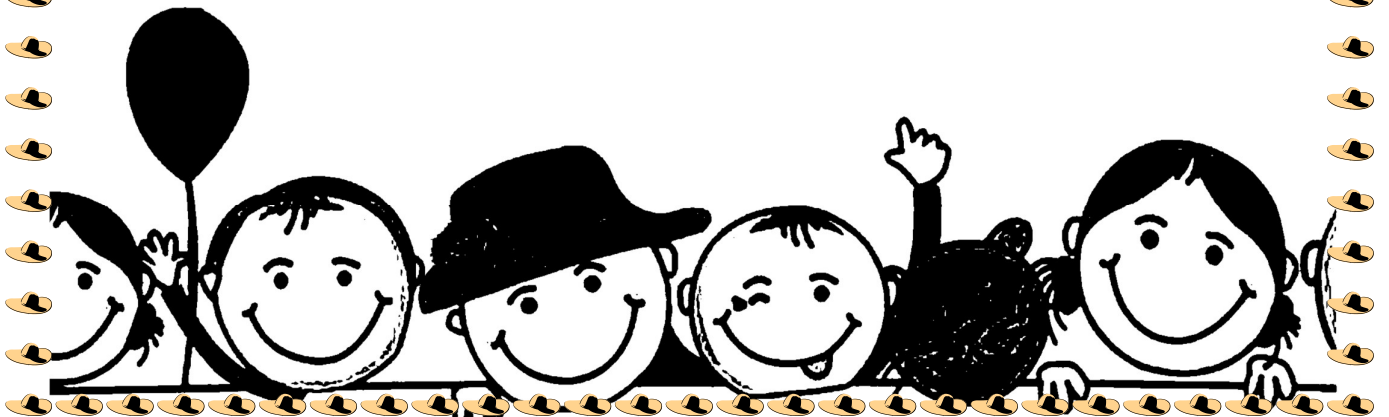
1-Reading of Ch-1 (Merry Christmas) and Ch- 2 (Kindness In Crisis) followed by writing of the difficult words, their parts of speech and meanings.

2-Write summary of Poem "Gift of The Season"

3-Prepare at least 10 MCQ , 5 Very short answer questions, 5 short answer questions and 3 long answer questions from chapter "Merry Christmas" and their answers.

4- Prepare at least 5 MCQ , 5 Very short answer questions, 5 short answer questions and 3 long answer questions from chapter "Kindness In Crisis" and their answers.

5- Prepare at least 10 MCQ from poem "Gift of The Season"



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 Prepare creative Chart on Nouns and Pronouns.

SEGMENT -B -MATHEMATICS

PART-I- RATIONAL NUMBER

I- MULTIPLE CHOICE QUESTIONS

1. What should be added to $-5/4$ to get -1 ?
(I) $-1/4$ (II) $1/4$ (III) 1 (IV) $-3/4$
2. What should be subtracted from $-5/4$ to get -1 ?
(I) $-1/4$ (II) $1/4$ (III) 1 (IV) $-3/4$
3. Which of the following is the identity element?
(I) 1 (II) -1 (III) 0 (IV) None of these
4. Which of the following is the Multiplicative identity for rational numbers?
(I) 1 (II) -1 (III) 0 (IV) None of these
5. Which of the following is neither a positive nor a negative rational number?
(I) 1 (II) 0 (III) Such a rational number does not exist
(IV) None of these
6. Which of the following lies between 0 and -1 ?
(I) 0 (II) -3 (III) $-2/3$ (IV) $4/3$
7. Which of the following is the reciprocal of a ?
(I) $-a$ (II) a (III) $1/a$ (IV) $-1/a$
8. Which of the following is the product of $7/8$ and $-4/21$?
(I) $-1/6$ (II) $1/12$ (III) $-16/63$ (IV) $-147/16$
9. Which of the following is the product of $(-7/8)$ and $4/21$?
(I) $-1/6$ (II) 12 (III) $-63/16$ (IV) $-16/147$
10. Which of the following is the reciprocal of the reciprocal of a rational number?
(I) -1 (II) 1 (III) 0 (IV) The number itself

II. Write three rational numbers occurring between $1/3$ and $4/5$.

III. Write a rational number equivalent to $18/29$ having 87 as denominator.

IV. Fill in the blanks:

(i) The product of a number and its product is _____.

(ii) The rational number _____ has no reciprocal.

(iii) The reciprocal of the reciprocal of a number is _____.

(iv) The rational number _____ is neither positive nor negative.

(v) _____ is the only rational number which is equal to its additive inverse.

V. Write:

- (i) A rational number which has no reciprocal.
- (ii) A rational number whose product with a given rational number is equal to the given rational number.
- (iii) A rational number which is equal to its reciprocal
- VI. The product of two rational numbers is $-\frac{28}{81}$. If one of them is $-\frac{2}{3}$ then find the other.
6. Find $\frac{3}{7} + (-\frac{6}{11}) + (-\frac{8}{21}) + (\frac{5}{22})$ using suitable properties.
- VII. Write additive inverse of the following:
- (a) $-\frac{7}{19}$ (b) $\frac{21}{112}$
- VIII. Verify that $-(-x) = x$ for
- (a) $x = \frac{11}{15}$ (b) $x = -\frac{13}{17}$
- IX. Write five rational numbers which are smaller than 2.
- X. Write all properties of rational numbers.
- XI. Write definition of rational numbers. Give three examples.
- XII. What is the additive identity of rational numbers?
- XIII. What properties, the following expressions show?
- (i) $\frac{2}{3} + \frac{4}{5} = \frac{4}{5} + \frac{2}{3}$
- (ii) $\frac{1}{3} \times \frac{2}{3} = \frac{2}{3} \times \frac{1}{3}$
- XIV. Mention the commutativity, associative and distributive properties of rational numbers. Also, check $a \times b = b \times a$ and $a + b = b + a$ for $a = \frac{1}{2}$ and $b = \frac{3}{4}$
- XV. Verify the property: $x \times (y \times z) = (x \times y) \times z$ by taking $x = -\frac{7}{3}$, $y = \frac{12}{5}$, $z = \frac{4}{9}$
- XVI. Verify the property: $x \times (y + z) = x \times y + x \times z$ by taking $x = -\frac{3}{7}$, $y = \frac{12}{13}$, $z = -\frac{5}{6}$
- XVII. Use the distributivity of multiplication of rational numbers over their addition to simplify: $\frac{3}{5} \times ((\frac{35}{24}) + (\frac{10}{1}))$
- XVIII. Name the property of multiplication of rational numbers illustrated by the following statements:
- (i) $-\frac{5}{16} \times \frac{8}{15} = \frac{8}{15} \times -\frac{5}{16}$
- (ii) $-\frac{17}{5} \times 9 = 9 \times -\frac{17}{5}$
- (iii) $\frac{7}{4} \times (-\frac{8}{3} + -\frac{13}{12}) = \frac{7}{4} \times -\frac{8}{3} + \frac{7}{4} \times -\frac{13}{12}$
- (iv) $-\frac{5}{9} \times (\frac{4}{15} \times -\frac{9}{8}) = (-\frac{5}{9} \times \frac{4}{15}) \times -\frac{9}{8}$
- (v) $\frac{13}{-17} \times 1 = \frac{13}{-17} = 1 \times \frac{13}{-17}$
- (vi) $-\frac{11}{16} \times \frac{16}{-11} = 1$
- (vii) $\frac{2}{13} \times 0 = 0 = 0 \times \frac{2}{13}$
- (viii) $-\frac{3}{2} \times \frac{5}{4} + -\frac{3}{2} \times -\frac{7}{6} = -\frac{3}{2} \times (\frac{5}{4} + -\frac{7}{6})$

PART-II- Exponents

I- Multiple Choice Questions (MCQs)

1. Which one is greatest?

- (a) 2^3 (b) 3^2 (c) 1^8 (d) 4^2

2. The exponent in the expression 3^7 is

- (a) 1 (b) 7 (c) 0 (d) 3

3. The value of 3^0 is

- (a) 0 (b) 3 (c) 1 (d) None of these

4. Multiplicative inverse of $\frac{1}{7}$ is

- (a) 49 (b) 5 (c) 7 (d) -14

5. Fill in the blank: $a^m \div a^n = a$ to the power of Where m and n are natural number:

- (a) mn (b) $m + n$ (c) $m - n$ (d) $m \div n$

6. The value of $1/3^2$ is equal to

- (a) $1/9$ (b) 1 (c) -6 (d) $1/3$

7. In simplified form $(3^0 + 4^0 + 5^0)^0$ is equals to:

- (a) 12 (b) 3 (c) 12 (d) 1

8. The approximate distance of moon from the earth is 384467000 m and in exponential form this distance can be written as

- (a) 3.84467×10^8 m (b) 384467×10^{-8} m (c) 384467×10^{-9} m (d) 3.84467×10^{-3} m

9. 7×10^{-5} m is the standard form of which of the following

- (a) 0.0007 m (b) 0.000007 m (c) 0.0000007 m (d) 0.00007 m

10. The expression, $(5^2 + 7^2 + 3^2)$ is equals to:

- (a) 15^6 (b) -6 (c) 1 (d) 83

11. The value of $(6^{-1} - 8^{-1})^{-1}$ is:

- (a) $\frac{-1}{12}$ (b) -2 (c) $\frac{1}{24}$ (d) 24

12. The value of $\left\{6^{-1} + \left(\frac{3}{2}\right)^{-1}\right\}^{-1}$ is:

- (a) $\frac{2}{3}$ (b) $\frac{5}{6}$ (c) $\frac{6}{5}$ (d) None of these

13. The value of $\left[\frac{-1}{2}\right]^{-6}$ is:

- (a) -64 (b) $\frac{-1}{64}$ (c) $\frac{1}{64}$ (d) 64

14. The value of $(3^2 - 2^2) \times \left(\frac{2}{3}\right)^{-3}$ is:

(a) $\frac{45}{8}$

(b) $\frac{135}{8}$

(c) $\frac{8}{135}$

(d) $\frac{8}{45}$

15. If $\left(\frac{4}{9}\right)^4 \times \left(\frac{4}{9}\right)^{-7} = \left(\frac{4}{9}\right)^{2x-1}$ then the value of x is:

(a) -1

(b) $\frac{1}{2}$

(c) $\frac{-1}{2}$

(d) None of these

II-. Express 729 as a power of 3.

III. Simplify and write in exponential form of $(-4)^{100} \times (-4)^{20}$

IV. Simplify:

$$\left[\left(\frac{2}{7}\right)^{-2}\right]^4 \times \left[\left(\frac{7}{2}\right)^4\right]^{-2}$$

V. If $3^x = 243$, then find the value of x.

VI. Simplify

$$\frac{5^{-3} \times 6^{-5} \times 81 \times 4}{3^{-7} \times 10^{-3}}$$

VII. 7. Find the value of x if $(-3)^{3x+1} \times (-3)^4 = (-3)^8$

VIII. Express the height of bundle of 500 papers placed on each other if thickness of one paper is 0.0016 cm, in standard form.

PART-III- Squares and Square Roots

I) Multiple choice questions

- Find the number of non-square numbers lying between 402 and 412 .
a) 80 b) 40 c) 30 d) 84
- If m, n, p are natural numbers such that (m, n, p) forms a Pythagorean triplet if ?
a) $m^2 + n^2 = p^2$ b) $m^2 + n^2 < p^2$ c) $m^2 + n^2 > p^2$ d) $m^2 + n^2 \neq p^2$
- The square of an even number is always _____.
a) even b) odd c) may be even or odd d) none
- The square root of $0.09 + 2 \times 0.21 + 0.49$ is
a) $\sqrt{0.09} + \sqrt{0.49}$ b) $2\sqrt{0.21}$ c) 1 d) 0.58
- The digit in the unit's place in the square root of 15876 is
a) 8 b) 6 c) 4 d) 2

II) Short answer Questions type I

- In an auditorium, the number of rows is equal to the number of chairs in each row. If the capacity of the auditorium is 2025, find the number of chairs in each row.
- Find the smallest number by which 9408 must be divided so that the quotient is a perfect square.
- Find the value of $\frac{\sqrt[3]{243}}{\sqrt[3]{363}}, \sqrt[4]{\frac{441}{961}}$
- Find the value of $\sqrt{45796}$ and hence find the quotient of $\sqrt{4.5796} \div \sqrt{457.96}$
- Write a Pythagorean triplet if the smallest number is 9

III) Short answer Questions type II

- Find the square root of $6\frac{1}{3}$ up to three places of decimals.
- An equilateral triangle ABC has a side of length 4cm. Find its height.
- Find the square root of 147.1369 by long division
- Find the value of $104 \times 104 - 96 \times 96$ $104 \times 104 + 96 \times 96 - 2 \times 104 \times 96$
- What least number must be added to 7344 to make it a perfect square?

IV) Long Answer type questions

- Find the smallest number of 6-digit which is a perfect square.
- The area of square field is 49284m². Find the cost of fencing the field at Rs 15 per metre.
- In a school, all children were made to stand in square formation. Out of 3050 children, 25 were left after forming the square. How many children are there in each row?
- The Cost of levelling a square lawn at rupees 15 per square meter is 19,935. Find the

cost of fencing the lawn at 22 per meter.

20. If $\sqrt{2} = 1.414$, $\sqrt{5} = 2.236$ and $\sqrt{3} = 1.732$, find the value of $\sqrt[125]{144}$

1. $\sqrt{0.04} \times 0.4 \times a = 0.004 \times 0.4 \times \sqrt{b}$, then find the value of a/b

2. If $3\sqrt{5} + \sqrt{125} = 17.88$, then find the value of $\sqrt{80} + 6\sqrt{5}$.

3. If $3a=4b=6c$ and $a+b+c = 27\sqrt{29}$ then find the value of $\sqrt{a^2 + b^2 + c^2}$.

4. If $\sqrt{(x-1)(y+2)} = 7$, x and y being positive whole numbers, then find the value of x and y .

5. Each member of a picnic party contributed twice as many rupees as the total number of members and the total collection was rupees 3042. Find the number of members present in the party.

6. The area of a square field is 60025 m². A man cycles along its boundary at 18 km/hr. In how much time will he return at the starting point?

7. The length of a rectangle is 3 times its breadth. Its area is 972 sq. meter. Find the perimeter of the rectangle.

8. The product of two numbers is 1575 and their quotient is $9/7$. Find the numbers

SEGMENT -C-SCIENCE

WORKSHEET -I - Crop Production and Management

I- MCQ

1. The process of separation of grain from the chaff after harvesting is known as

- (a) tilling (b) threshing (c) spraying (d) weeding

2. The soil matter formed by decayed organic matter is called

- (a) pesticide (b) fertilizer (c) humus (d) biocide

3. BHC (Benzene hexachloride) is a

- (a) weedicide (b) fertilizer (c) fungicide (d) pesticides

4. The status of algae in the aquatic food chain is

- (a) consumers (b) producers (c) host (d) small in size

5. Which cannot fix atmospheric nitrogen in the soil?

- (a) Rhizobium (b) Clostridium (c) Azotobacter (d) Penicillin

6. The process by which amount of nitrogen remains the same in the atmosphere is known as

- (a) fermentation (b) carbon cycle (c) nitrogen cycle (d) photosynthesis

7. Bacteria have been grouped into four different types based on their shapes. Identify the different types and select the correct statement regarding it.



(a) *Vibrio cholerae* is an example of type S, which causes cholera.

(b) *Lactobacillus* is an example of type P, which helps in curdling of milk.

(c) Type R bacteria are rod-shaped and are called as bacilli bacteria.

(d) *Streptococcus* is an example of type Q bacteria that causes pneumonia.

8. Identify the given microorganism and select the incorrect statement regarding it.



- (a) It is a saprophyte commonly called as black bread mould.
- (b) It reproduces by means of spores.
- (c) It results in the spoilage of food materials.
- (d) It is a parasitic bacteria that causes various diseases in plants, animals and humans.

9. What causes the dough to rise when yeast is added to it?

- (a) An increase in temperature
- (b) An increase in the amount of substance
- (c) An increase in the amount of released water by yeast cells
- (d) The release of carbon dioxide gas

10. A bacteria undergoes binary fission in every minute. This bacterium can fill up a cup in 1 hour. In how much time will the cup be half filled?

- (a) 30 minutes (b) 59 minutes (c) 20 minutes (d) 40 minutes

11. Fill in the blanks.

- I. Microorganisms can be seen with the help of a _____.
- II. Blue green algae fix _____ directly from air and enhance fertility of soil.
- III. Alcohol is produced with the help of _____.
- IV. Cholera is caused by _____.
- V. _____ crop is harvested in October.

12. Match items in column A with those in column B.

A	B
(i) Kharif crops	(a) Food for cattle
(ii) Rabi crops	(b) Urea and super phosphate
(iii) Chemical fertilisers	(c) Animal excreta, cow dung urine and plant waste
(iv) Organic manure	(d) Wheat, gram, pea
	(e) Paddy and maize

13. Classify bacteria on the basis of their shapes.

14. During which months do farmers grow mustard in India?

15. Differentiate between viruses and other microorganisms.

16. What role does sugar play in the preservation of food?

17. What are the advantages of levelling?

18. Unscramble the jumbled words underlined in the following statements

(a) Curbossulite is an air-borne disease caused by a bacterium.

(b) Xanrhat is a dangerous bacterial disease.

(c) Yeasts are used in the wine industry because of their property of meronettinaf.

(d) Cells of our body produce santiidobe to fight pathogens.

(e) Aeeessrrwtip are added to food to prevent growth of microorganisms.

19. Suggest a suitable word for each of the following statements.

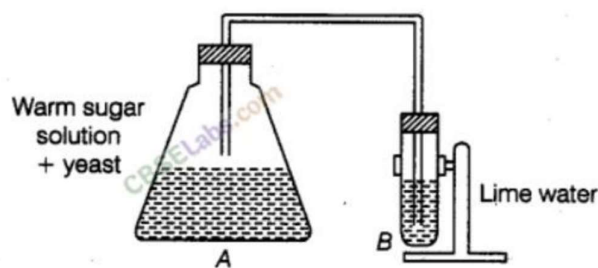
(a) Chemicals added to food to prevent growth of microorganisms.

(b) Nitrogen-fixing microorganism present in the root nodules of legumes

(c) Agent which spreads pathogens from one place to another.

(d) Medicine which kills or stop the growth of pathogens.

20. Observe the set-up given in figure and answer the following questions.



I. What happens to the sugar solution in A ?

II. Which gas is released in A ?

III. What changes will you observe in B when the released gas passes through it.

WORKSHEET-II- Microorganisms : Friend and Foe

A. MCQs

1. Which of the following statements about Rhizobium bacteria is true?
 - a) Rhizobium bacteria are harmful pathogens that cause diseases in plants.
 - b) Rhizobium bacteria are responsible for the production of chlorophyll in leaves.
 - c) Rhizobium bacteria are found in the leaves of all plants and assist in photosynthesis.
 - d) Rhizobium bacteria are found in the root nodules of leguminous plants and help in nitrogen fixation.
2. How does the release of carbon dioxide (CO_2) from a fire extinguisher affect the surrounding environment?
 - a) It increases the temperature and humidity.
 - b) It reduces oxygen levels in the air.
 - c) It creates a protective layer of foam over the fire.
 - d) It releases toxic gases that are harmful to humans.
3. In a candle flame, which zone is characterized by a yellowish colour and incomplete combustion?
 - a) Outer zone
 - b) Inner zone
 - c) Middle zone
 - d) All of the above
4. Which one of the following has the highest calorific value?
 - a) Kerosene
 - b) Biogas
 - c) LPG
 - d) Petrol
5. The calorific value of a fuel is expressed in a unit called
 - a) kilojoule per litre
 - b) kilogram per milliliter
 - c) kilojoule per gram
 - d) kilojoule per kilogram
6. The ignition temperatures of four substances P, Q, R and S are 1250°C , 2700°C , 1550°C and 3100°C respectively. Which of the following pairs of substances catches fire at 2500°C ?
 - a) Q and S
 - b) P and R
 - c) R and S
 - d) P and Q
7. The given table lists some of the fuels along with their calorific values and ignition temperatures.

Fuel	Calorific value (KJ/g)	Ignition temperature ($^{\circ}\text{C}$)
P	100	5
Q	80	50
R	30	60
S	20	70

Which of the following fuel is an ideal fuel ?

- a) P b) Q c) R d) S

8. The ignition temperature of sodium is very ____i____. To prevent its ____ii____ combustion, it is stored under ____iii____. The information in which alternative completes the given statements?

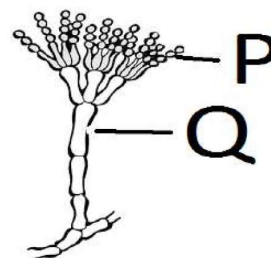
- a) i-low, ii-rapid, iii-Kerosene b) i-low, ii-spontaneous, iii-Kerosene
c) i-high, ii-rapid, iii- water d) i-high, ii-spontaneous, iii-water

9. _____ & _____ are the commonly used chemical preservative?

- a) Sodium carbonate & Sodium benzoate
b) Sodium benzoate & Sodium metabisulphite
c) Sodium metabisulphite & potassium carbonate
d) potassium hydroxide & sodium hydroxide

10. Label the the parts P & Q in the given diagram

- a) P- Mycelium, Q- Spores
b) P- Nucleus, Q - Spores
c) P- chloroplast, Q- Nucleus
d) P- spores, Q- Mycelium



B. ASSERTION REASON TYPE QUESTIONS

Directions:

The question below consists of an assertion and a Reason. Use the following key to choose the appropriate answer.

- A. If both assertion and reason are correct and reason is correct explanation of the assertion
B. If both assertion and reason are correct, but the reason is not the correct explanation of the assertion.
C. If assertion is correct, but reason is incorrect.

D. If assertion is incorrect, but reason is correct.

11. Assertion: – Magnesium and charcoal are combustible substances.

Reason: – A chemical process in which a substance reacts with oxygen to give off heat is called combustion.

12. Assertion:- Antibiotics should be taken on the advice of doctors for prescribed time and duration.

Reason:- If taken when not required antibiotics may kill some of useful bacteria in the body.

13. Assertion:- Disease which spreads from an infected person to healthy person is known as non –communicable disease.

Reason:- The disease spreads from one person to another through air, water, food, physical contact or insect.

C. Fill in the blanks

a) The gas released during the preparation of bread is _____.

b) _____ is a beneficial micro-organism used in the production of bread and alcoholic beverages.

c) The process of burning a substance in the presence of _____ to produce heat and light is called combustion.

d) _____ are considered different from other microorganisms because they can multiply only by entering the host organisms..

e) Oxides of _____ and nitrogen causes acid rain.

f) Inflammable substances have very low _____ temperature.

D. Correct the false statements.

a) Antibiotics are made from weakened or inactive forms of microorganisms to stimulate the immune system and prevent diseases.

b) The ignition temperature is the maximum temperature required to start combustion.

c) A fungi is used in the production of alcohol.

d) Jellies, jams and squashes are preserved by adding vinegar to them.

e) The head of matchstick only contains white phosphorus.

f) CNG means 'Connecting Neutral Gas'.

.E. Answer the following questions:

1. Name any plant disease caused by fungus. Suggest any one method of prevention for the same.
2. Why is sodium kept immersed in kerosene?
3. How can microorganisms cause food spoilage? What role does sugar play in the preservation of food?
4. What is ignition temperature? Name any two examples of inflammable substance.
5. Ria thought of making curd. For this, she took lukewarm milk, mixed some curd into it and stir well. She kept the mixture in fridge. Next day she observed that curd was not set. Can you tell why the curd did not set?
6. How does pasteurization help in reducing the risk of food borne illnesses?
7. Why isn't hydrogen gas used as a domestic or industrial fuel, although it has a very high calorific value? State two reasons for the answer.
8. A household uses a type of fuel with a calorific value of $18,000 \text{ kJ/kg}$. They burn 0.8 kg of this fuel and measure the heat produced to be $14,400 \text{ kJ}$. The family wants to confirm if the measured heat matches the expected value based on the given calorific value. Verify if the measured heat produced is consistent with the given calorific value.
9. A new type of biofuel is tested, and it is found to produce $54,000 \text{ kJ}$ of energy from burning 3 kg of the fuel. An environmentalist wants to compare it with a standard fuel that has a calorific value of $20,000 \text{ kJ/kg}$. Calculate the calorific value of the new biofuel and compare it with the standard fuel.
10. Sourav was heating oil to fry potato chips. The cooking oil all of a sudden caught fire. He took water to pour on the fire to extinguish it. But meanwhile his mother came and switched off the gas and covered the vessel completely with a plate.
 - a) Do you think pouring water to the burning oil would have worked? Why?
 - b) Do you think what Sourav's mother had done is right? Why?
 - c) Can you suggest other ways in which we can stop fire due to burning oil?

WORKSHEET-III- Coal and Petroleum

A- MCQs

1. Which of the following is formed by the process of destructive distillation of coal?

a) Petrol b) Kerosene c) Coal tar d) Diesel

2. What do we call the process of converting dead vegetation into coal?

a) Carbonisation b) Destructive Distillation c) Fractional Distillation d) Ammonical Liquor

3. Petroleum is also known as:

a) coke b) black gold c) Coal tar d) none of these

4. Which of the following is a pair of exhaustible natural resource?

(a) Coal and soil (b) Air and sunlight (c) Water and petroleum d) Wildlife and minerals

5. Naphthalene balls are obtained from coal tar and are used as-

(a) mosquito repellent (b) honeybee repellent (c) moth repellent (d) snake repellent

6. What is the underlying principle based on which fractional distillation is carried out?

a) Different densities of each fraction b) Different molecular weights of each fraction c) Different boiling points of each fraction d) Different melting points of each fraction

7. PCRA stands for

a. Pollution control research association b. Petroleum Conservation Research Association c. Petroleum control research association d. Petrol, coal reserve association

8. A substance which reacts with oxygen giving heat is called a combustible substance. Which one of the following is a combustible substance?

(a) Iron nail (b) Glass (c) Stone piece (d) Wood

9. Which one of the following has the highest calorific value?

(a) Kerosene (b) Biogas (c) LPG (d) Petrol

10. The calorific value of a fuel is expressed in a unit called

(a) kilojoule per litre (b) kilogram per millilitre (c) kilojoule per gram (d) kilojoule per kilogram

11. The ignition temperatures of four substances P, Q, R and S are 1250C, 2700C, 1550C and 3100C respectively. Which of the following pairs of substances catches fire at 2500C ?

A. Q and S B. P and R C. R and S D. P and Q

12. The given table lists some of the fuels along with their calorific values and ignition temperatures.

Fuel	Calorific value (KJ/g)	Ignition temperature ($^{\circ}$ C)
P	100	5
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S	20	70

Which of the following fuel is an ideal fuel ?

A. P B. Q C. R D. S

13. The ignition temperature of sodium is very ____i____. To prevent its ____ii____ combustion, it is stored under ____iii____. The information in which alternative completes the given statements?

A) i-low, ii-rapid, iii-Kerosene B) i-low, ii-spontaneous, iii-Kerosene C) i-high, ii-rapid, iii- water D) i-high, ii-spantaneous, iii-water

14. The head of a matchstick contains a mixture of antimony trisulphide, potassium chlorate, starch and some glue. For combustion, it is struck against a rough surface made of powdered glass and red phosphorus. Which of the following substances will be the first to get ignited when the match is struck against a rough surface ?

A. Antimony trisulphide B. Potassium chlorate C. Red phosphorus D. Powdered glass

B- Fill in the blanks .

i) About 300 million years ago, the earth had dense..... in low lying wetland areas. Due to natural processes like..... these forests got buried under the..... As more..... deposited over them, they were compressed. The..... also rose as they sank deeper and deeper. Under highand high..... , dead plants got slowly converted into coal.

ii) The substance which vaporizes during burning gives _____ .

iii) An example of slow combustion is _____.

iv) _____ are substances that release energy on combustion.

v) The most common supporter of combustion is _____.

vi) Magnesium burns to change into _____.

C- Write True/False against the following statements and also correct the false statement.

(a) A physical process in which a substance reacts with oxygen to give off heat is called combustion

(b) Water is the best extinguisher for fires involving electrical equipment

(c) Alcohol, CNG and LPG are inflammable substances.

(d) Increased concentration of nitrogen in air is believed to cause global warming.

(e) Greater the calorific value, better is the fuel

(f) Middle zone is the hottest zone of a flame.

(g) The substances which vaporize during burning, give the flame.

(h) There are two types of natural resources- coal and petroleum.

(j). Wasting the energy resources is considered as conservation of energy.

(k). There are two types of natural resources- coal and petroleum.

(L) Wasting the energy resources is considered as conservation of energy.

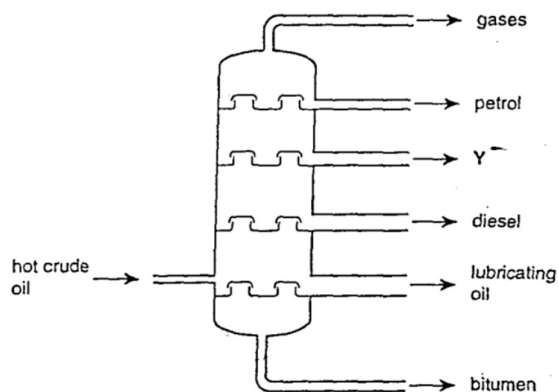
D- Draw a well labelled diagram of the following.

a) Fractional distillation of petroleum.

b) Structure of candle flame.

c) Dry distillation of coal

E- i) Observe the diagram & answer the questions given below



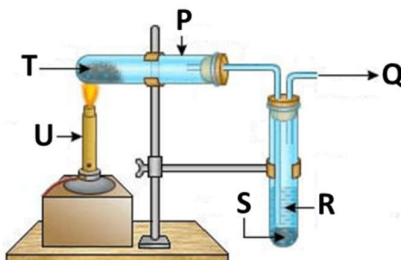
a) Identify the product Y.

b) Write 2 uses of Y.

c) At what temperature this product Y is vaporized?

d) How CNG is a good fuel than petrol & diesel?

ii) Observe the diagram & answer the questions given below.



a) Label the parts – T, Q, R & S

b) What is the use of the liquid R?

c) Which of the product is used in the manufacture of steel?

F- One Word Answers

i) The natural resources which can be exhausted by human activities

ii) A constituent of petroleum refining which is used for preparation of Vaseline, candles & ointments.

iii) A type of combustion in which a material burst into flames without the application of any apparent cause is called

iv) The amount of heat energy produced on complete combustion of 1 kg of fuel is called –

G- Match the items of Column A with the items of Column B

Column A

(a) Oxides of sulphur and nitrogen

(b) CNG

(c) Oxygen

(d) inflammable substance

(e) carbon dioxide

(f) carbon monoxide

Column B

(i) fire extinguisher

(ii) incomplete combustion of coal

(iii) very low ignition temperature

(iv) acid rain

(v) necessary for combustion

vi) fuel for automobiles.

WORKSHEET-IV-Project Work

Effect of Temperature on Bacterial Action (Curd Making)

Topic: Microorganisms - Bacterial Action

What to do:

- ❖ Students will take three small bowls and add the same amount of milk to each.
- ❖ Heat one bowl of milk to a high temperature, leave another at room temperature (lukewarm), and keep the last one cold (in the fridge).
- ❖ Add a spoonful of curd (starter) to each and cover them.
- ❖ Over the next 24 hours, students will observe and record how long it takes each sample to turn into curd.

Observation Table: Effect of Temperature on Bacterial Action (Curd Making)

Sample	Temperature	Time Taken to Curdle in Hrs.	Observation (Milk became curd in ___ hours or did not curdle at all)	Why? (Scientific Explanation)
Milk at High Temperature	HOT			
Milk at Room Temperature	(Lukewarm)			
Milk at Cold Temperature	(Refrigerated)			

Observations:

- Which temperature speed up bacterial action?
- Why does temperature affect bacterial growth?
- How long did each sample take to turn into curd?

SEGMENT -D-SOCIAL SCIENCE

WORKSHEET-I- Economic Activities in Your Locality

PROJECT BASED QUESTION

1. **Locate:** Observe the local area where you live, particularly noting businesses and jobs.
2. **Classify:** Divide the economic activities into three main categories:
 - **Primary:** Involves extracting resources from nature (agriculture, fishing, mining).
 - **Secondary:** Manufacturing and processing of raw materials into finished products (factories, workshops).
 - **Tertiary:** Services provided to the community (retail, transportation, healthcare).
3. **List:** Identify specific examples of each category in your local area.
4. **Analyse:** Discuss the importance of each sector in your locality.

Worksheet:

Sector	Examples in my Locality	Importance of this Sector
Primary Sector		
Agriculture		
Fishing		
Mining		
Secondary Sector		
Manufacturing		
Processing		
Tertiary Sector		
Retail		
Transportation		
Healthcare		

Write answers for these Questions from your observations

- How do these economic activities contribute to the local economy?
- Are there any new industries or businesses emerging in your area?
- What are the challenges faced by local businesses and workers?
- What are some opportunities for improving the local economy?

WORKSHEET-II- Understanding Local Markets

Part-A-Multiple Choice Questions

1. What is the primary role of a local market in a community?

- (a) To sell imported goods only.
- (b) To provide a place for buying and selling goods and services locally.
- (c) To only focus on branded products.
- (d) To only serve a specific group of people.

2. Which of the following is an example of a local market?

- (a) A large shopping mall with branded stores.
- (b) A weekly market where local vendors sell produce and goods.
- (c) A hypermarket with a wide variety of imported products.
- (d) An online shopping platform.

3. What is bargaining in a local market?

- (a) A process of negotiating prices between buyers and sellers.
- (b) An act of stealing items from the market.
- (c) An act of throwing things on the ground.
- (d) A way to sell products at a very high price.

4. What is a consumer?

- (a) Someone who sells goods in a market.
- (b) Someone who buys goods and services.
- (c) A person who manufactures goods.
- (d) A person who manages the market.

5. What is fair trade?

- (a) Trading without any regulations.
- (b) A process of buying and selling goods at fair prices.
- (c) Trading without any profit.
- (d) A way to sell fake goods.

Part 2: Fill in the Blanks

1. Local markets are important for the ____ of the local economy.

(a) growth (b) decline (c) destruction (d) repair

2. The prices in local markets are usually ____ than in malls.

(a) higher (b) lower (c) equal (d) unknown

3. Bargaining is a ____ of the local market culture.

(a) tradition (b) innovation (c) problem (d) mistake

4. Fair trade helps ____ local producers.

(a) hurt (b) help (c) ignore (d) destroy

Part 3: Short Answer Questions

1. What are the benefits of shopping at a local market instead of a mall?

2. Why is bargaining important in a local market?

3. What are some examples of goods that are typically sold in a local market?

4. How does fair trade help local producers and consumers?

5. Why is it important to understand the local market where you live?

WORKSHEET-III- Mineral Resources and Industry

1. What are Minerals?
2. How are minerals formed and can be identified in nature?
3. How can minerals be extracted from nature?
4. What are mining and open-cast mining?
5. How is quarrying done and name some products extracted using the process?
6. Name some places where iron ore, nickel, and copper are found.
7. Name at least two regions that are rich in natural gas resources.
8. Name some industries where minerals are used.
9. Minerals are a non-renewable resource. How can you conserve it?
10. What do you mean by power resources and name their types?
11. What do you mean by conventional resource? Name two conventional resources in nature.
12. What do you mean by fossil fuel and state its importance?
13. Where is petroleum found and how it is extracted?
14. What is natural gas?
15. How hydel power is generated?
16. Why do you think non-conventional sources of energy must be used more than conventional sources?
17. State True or False
 - (a) Salt and graphite are minerals.
 - (b) Minerals can be identified on the basis of their properties, color, density, and hardness.
 - (c) Minerals are renewable resources.
 - (d) Electricity from coal is called thermal power.
18. What are the advantages and disadvantages of hydel power?
19. Explain the following:
 - (a) Solar Energy
 - (b) Wind Energy
 - (c) Geothermal Energy
 - (d) Tidal Energy
20. How is biogas formed?
21. What is the industry?

22. What is manufacturing?

23. What are Raw Materials?

24. Agro-based industries?

25. What are Mineral based industries?

26. What are Marine based industries?

27. What are Forest-based industries?

28. What are the primary elements influencing an industry's location?

29. What sector is frequently said to as the foundation of the current industry, and why?

30. Why has Mumbai's cotton textile sector grown so quickly?

31. List the top three techniques used to categorize industries.

32. Expand the AMUL acronym. Where is the company's headquarters?

33. Give the names of four typical processes used in the textile industry.

34. Which category does manufacturing fall under in terms of economic activity?

(a)Primary (b)Secondary (c) Tertiary (d)Primary as well as secondary

35. Which industry serves as the foundation for all others?

(a)Cotton textile industry (b)Leather industry

(c)Iron and steel industry (d)IT industry

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(a)Cotton textile industry (b)Leather industry

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37. Which industry category does Mamti Udyog belong to?

(a)Joint sector (b)Private sector (c) Public sector (d)Cooperative sector

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(a)Joint sector (b)Private sector (c) Public sector (d)Cooperative sector

39. What is the name of the place where TISCO began?

(a)Kharkiv (b)Calcutta (c) Sakchi (d)Rourkela

40. Fill in the Blanks:

(a) The river that supplies Osaka's textile industry with enough water is _____.

(b) A _____ industry includes things like pottery, handicrafts, and basket weaving.

(c) Regions like the Mumbai-Pune cluster and the Chhotanagpur belt are important regions of India.

(d) The smelting process can be carried out in a _____.

(e) The _____ mountains are close to Silicon Valley.

41. State True and false:

(a) Silicon Valley is located in Ahmedabad.

(b) The Information Technology industry is known as the sunrise industry.

(c) Jute is a natural fibre.

(d) An industry that depends on forests is the leather industry.

(e) Small-scale industries are characterized by limited resources and infrastructure.

42. Match the column:

Column I	Column II
Silicon Valley	(a) Mumbai
Silicon Plateau	(b) California
First successful textile mill	(c) Sakchi
Initiation of TISCO	(d) Osaka
Manchester of Japan	(e) Bangalore

43. Differentiate the following into:

44. Write short note on the Pittsburgh area's iron and steel sector.

45. Give the names of two natural and two synthetic fibers.

1. What is the Internet? Write any five uses of the internet in daily life.
2. Differentiate between WWW and the Internet.
3. What is a web browser? Name any four popular web browsers.
4. Explain how data travels through the internet (include terms like server, client, IP address, etc.).
5. Draw a labelled diagram showing the working of the internet from a user's device to a website.
6. Define the following: Malware, Phishing, Hacking, Firewall, and Antivirus.
7. Write any five tips to stay safe while using the internet.
8. What is a strong password? Write rules to create one.
9. Differentiate between cyberbullying and cybercrime.
10. Explain any one recent cyberattack incident and how it affected users or organizations.
11. What is Artificial Intelligence? Mention its three main features.
12. List five common examples of AI-based devices or applications used in daily life.
13. Differentiate between robots and AI with suitable examples.
14. Write a paragraph (80–100 words) on: "How AI is helping in smart homes and schools."
15. Create a table showing three AI robots, their country of origin, and their main use.

SECTION -F



- 1- पाठ्य पुस्तक आधुनिक हिन्दी में संगृहित पाठ “मानवता ही विश्व सत्य” से सम्बन्धित 5-5 बहुविकल्पीय, अतिलघु उत्तरिय, लघु उत्तरिय प्रश्न तैयार करो ।
- 2- पाठ्य पुस्तक आधुनिक हिन्दी में संगृहित पाठ “विश्वास की जीत” से सम्बन्धित 5-5 बहुविकल्पीय, अतिलघु उत्तरिय, लघु उत्तरिय प्रश्न तैयार करो ।
- 3- डॉ० अब्दुल कलाम की जीवन पर एक निबंध लिखिए जिसमें उनके शिक्षा के प्रति समर्पण और वैज्ञानिक के रूप में उनकी उपलब्धियों का वर्णन किया गया हो उसमें यह भी वर्णन करें कि कैसे उनकी जीवनयात्रा आज के युवाओं के लिए प्रेरणादायक है
- 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. 'ਖੂਨਦਾਨ ਮਹਾਂਦਾਨ' ਵਿਸ਼ੇ ਤੇ ਇੱਕ ਚਾਰਟ ਤਿਆਰ ਕਰੋ ਅਤੇ ਖੂਨਦਾਨ ਦੇ ਫਾਇਦੇ ਲਿਖੋ।
3. ਬਜ਼ੁਰਗਾਂ ਦੀ ਸਾਂਭ ਸੰਭਾਲ ਤੇ ਨੋਟ ਲਿਖੋ ਅਤੇ ਉਨ੍ਹਾਂ ਦੀ ਸੁਰੱਖਿਆ ਨੂੰ ਪੇਸ਼ ਕਰੋ
4. 'ਵਾਤਾਵਰਨ ਬਚਾਓ' ਵਿਸ਼ੇ ਤੇ ਲਾਈਨਾਂ ਲਿਖੋ। ਅਲੱਗ ਅਲੱਗ ਤਰ੍ਹਾਂ ਦੇ ਰੁੱਖਾਂ ਦੀਆਂ ਤਸਵੀਰਾਂ ਲਗਾਓ।
5. 'ਪਿਤਾ ਦਿਵਸ' ਨਾਲ ਸੰਬੰਧਿਤ ਇੱਕ ਕਾਰਡ ਤਿਆਰ ਕਰੋ ਅਤੇ ਉਨ੍ਹਾਂ ਦੀਆਂ ਸੁਭਕਾਮਨਾਵਾਂ ਸਬੰਧੀ ਕਵਿਤਾ ਲਿਖੋ।
6. ਸਮੇਂ ਦਾ ਸਦ- ਉਪਯੋਗ ਵਿਸ਼ੇ ਤੇ ਇੱਕ ਨੋਟ 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