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Free Sample Contents

S. No.	Chapter	Page No.
1.	Integrated Grammar I	1-20

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CONTENTS

NAME_____ Class_____

Knowledge

WORKSHEET-1

Skill   To recognise various parts of speech.

I.   DIRECTIONS: In column I the parts of speech are given. In column II sentences with an underlined word is mentioned. Match the correct parts of speech with the correct word.

Column I (Parts of speech)

A. Noun

B. Pronoun

C. Adjective

D. Verb

E. Adverb

Column II (Examples)

(i)   <u>Rama</u> is going to school.

(ii) You are wearing a <u>beautiful</u> dress.

(iii) <u>He</u> is good at sports.

(iv) You should walk <u>carefully</u> on the road.

(v)   Suresh <u>plays</u> good cricket.

A-	B-	C-	D-	E-

II.   DIRECTIONS: Match the column I (definitions) with the column II (term used) and fill the grid given below:

Column I (Definition)

A. A word that expresses an action

B. A word used instead of a noun

C. A word that modifies a verb, an adjective
    or an adverb

D. A group of words arranged in a
    logical order

E. The name of a person, place or thing

F. A word used to describe a noun

Column II (Term)

(i)   Sentence

(ii)   Noun

(iii) Pronoun

(iv)   Verb

(v)   Adjective

(vi)   Adverb

A-	B-	C-	D-	E-	F-

III.DIRECTIONS: Match the rule of grammar (given in column I) with their correct example (given in column II). Fill in the response grid.
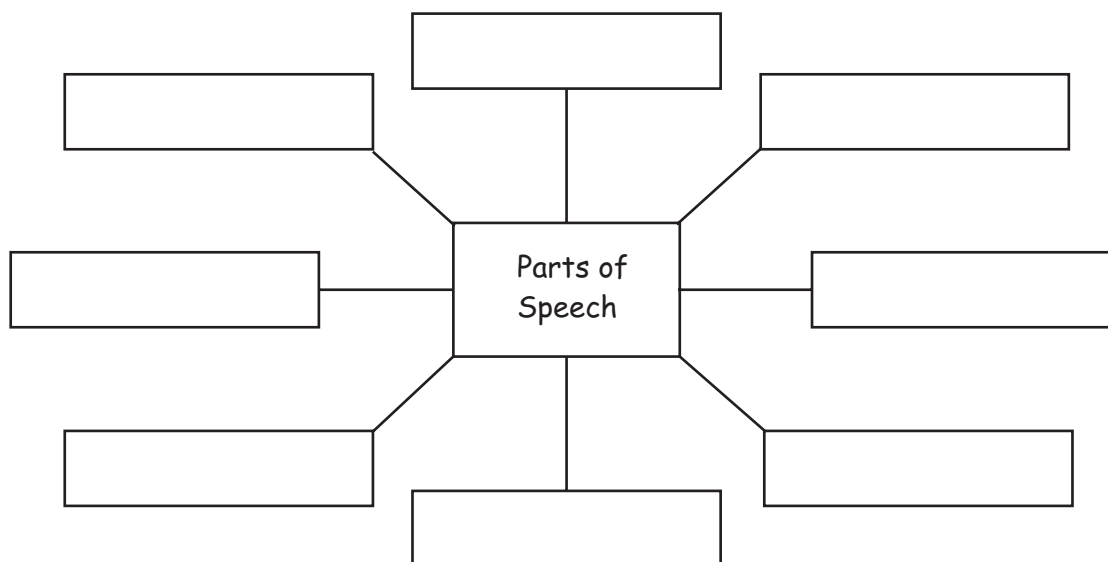
Column I (Rules)	Column II (Examples)
A. Certain nouns are always singular.	(i) Cuckoos, bamboos, zoos.
B. Nouns ending with double vowels can be made plural by adding 's'.	(ii) Coldest, deepest, brightest.
C. Most adjectives can be made comparative by adding 'er'.	(iii) Furniture, mathematics, scenery.
D. Most adjectives can be made superlative by adding 'est'.	(iv) More beautiful, most beautiful More powerful, most powerful.
E. Some adjectives are made comparative and superlative by adding more & most.	(v) Bolder, cleverer, dearer.
F. When two pronouns take a single verb, it should be in the plural.	(vi) Either Manoj or Ramu has thrown the ball.
G. While using either ... or .../neither... nor ... the pronoun is in the singular.	(vii) You and me should have done our work.

A-	B-	C-	D-	E-	F-	G-

IV. DIRECTIONS: Fill in the given boxes with various parts of speech.

Parts of Speech

NAME_____Class_____

WORKSHEET-2

Skill Recall the correct parts of speech.

DIRECTIONS: Complete the following sentences by filling an appropriate word in the blank spaces.

I. Supply missing nouns.

1. _____ is in Nepal.

2. _____ could weave webs with his fingers.

3. His family is settled in _____

4. _____ jewellery is much in vogue.

5. _____ is the national flower of India.

II. Supply missing pronouns.

1. The little boy is playing all by _____ .

2. Savita has passed class III. _____ is now in class IV.

3. Ritesh is my youngest brother. _____ loves _____ very much.

4. Why is your hair looking so strange? _____ have cut it myself.

5. Most of _____ volunteered for the literacy mission.

III. Supply missing adjectives.

1. The ball is _____in colour.

2. These are a few of my _____ toys.

3. Rajan is a _____ boy.

4. I love to play at my _____ house.

5. The toys are kept in the _____ cupboard.

IV. Supply missing verbs.

1. The dog _____ the man.

2. Many people have _____ to the ashram.

3. Rohit was _____ as the head boy.

4. Shujoy _____ me a Harry Potter book.

5. He is _____ for swimming classes in the summer vacations.

V. Supply missing adverbs.

1. She is working _____ .

2. Please do not speak _____ .

3. They have been waiting _____ .

4. She loves to walk _____ .

5. Ramesh is not _____ than his brother.

NAME_____Class_____

WORKSHEET-3

Skill   To identify the various parts of speech and sentences.

I.   **DIRECTIONS: Identify the pronouns and mention their kind.**

1.   I saw an old man who was sick.   _____

2.   He has lost his wallet.   _____

3.   I love to read the Gita. Which book do you like?   _____

4.   What is your father doing?   _____

5.   He broke the camera which I purchased only yesterday.   _____

6.   I know the man who stole the watch.   _____

7.   These are my books and those are yours.   _____

8.   All of you must participate in the class activity.   _____

9.   I myself will make the project.   _____

10.   The students helped one another to solve the maths problems. _____

II. DIRECTIONS: Point out the subject and predicate in the following sentences.

1.   The clerk is writing a letter.

_____

2.   The gift was given on his birthday.

_____

3. Ramu is my neighbour's servant.

   _____

4. I am tired of all this work.

   _____

5. The maidservant must have left the door open by mistake.

   _____

6. The thieves took away all the valuables in the house.

   _____

7. The football players were quarreling amongst themselves.

   _____

8. The fat lady could not fit into the little chair.

   _____

9. Sachin is a good player.

   _____

10. We always feel nervous before our exam.

    _____

NAME_____Class_____

Comprehension

WORKSHEET-4

Skill Explaining and differentiating the various parts of speech.

DIRECTIONS: Write two differences between the following parts of speech:

1. Noun and Adjective

2. Noun and Pronoun

3. Adjective and Adverb

4. Verb and Adverb

5. Conjunction and Preposition

NAME_____Class_____

WORKSHEET-5

Skill Modifying the parts of speech from one type to another.

I. DIRECTIONS: A group of persons or things is known as a collective noun. Make collective nouns from the following nouns.

1. Flowers - _____

2. Birds - _____

3. Cards - _____

4. Stairs - _____

5. Bananas - _____

6. People - _____

7. Boys - _____

8. Dogs - _____

9. Bees - _____

10. Lions - _____

II. DIRECTIONS: Abstract nouns can be made from adjectives. Write abstract nouns from the following adjectives.

1. Angry - _____

2. Beautiful - _____

3. Brave - _____

4. Great   -   _____

5. Happy   -   _____

6. Hungry   -   _____

7. Kind   -   _____

8. Long   -   _____

III. DIRECTIONS: Write the plural form of the following nouns.

1. Pencil   -   _____

2. Potato   -   _____

3. Berry   -   _____

4. Restaurant -   _____

5. Woman   -   _____

6. Temple   -   _____

7. Match   -   _____

8. Mango   -   _____

9. Baby   -   _____

10. Thief   -   _____

NAME_____Class_____

WORKSHEET-6

Skill To apply various parts of speech in sentences.

I.   DIRECTIONS: Classify the following sentences into Assertive, Interrogative, Exclamatory, Imperative and Optative.

1. Cigarette smoking is injurious to health.   _____

2. Who is knocking at the door?   _____

3. Please lend me a pen.   _____

4. Hurrah! India has won the World Cup.   _____

5. May God bless you!   _____

6. May you live a happy and prosperous life!   _____

7. The earth rotates once every twenty four hours. _____

8. Please help those in need.   _____

9. May all your wishes come true!   _____

II. DIRECTIONS: Pick up the verb in the following sentences.

1. Srikant remembers.   _____

2. Sampat is writing a lyric.   _____

3. Meenu laughs and weeps.   _____

4. Ashok loves his uncle.   _____

5. The tired baby sleeps.   _____

6. Raman sings well.   _____

7. Mrs. Kohli teaches Geography.   _____

III. DIRECTIONS: Complete the following sentences using appropriate predicates.

1. The kites _____ .
2. Lalita is a _____ .
3. Summers _____
4. They _____ .
5. He _____ .
6. The brown goat _____.
7. My elder sister _____.
8. She _____.
9. The moon _____.
10. Some girls _____.

IV. DIRECTIONS: Complete the following sentences placing appropriate subjects.

1. _____ was found yesterday.
2. _____ stood before me.
3. _____ is my sister.
4. _____ are nine planets in the solar system.
5. _____ is playing.
6. _____ was miraculously cured.
7. _____ is always crying.
8. _____ brings milk.
9. _____ is a doctor.
10. _____ is a good musician.

V. DIRECTIONS: Complete the following sentences according to the instructions given alongside.

1. I do _____ . (Assertive)
2. Have you _____ . (Interrogative)
3. What a _____ . (Exclamatory)
4. May_____ . (Optative)
5. Where _____ . (Interrogative)
6. Ritesh _____ . (Affirmative)
7. The train _____ . (Assertive)
8. You are_____ . (Negative)
9. Please _____ . (Imperative)
10. Ramola can _____ . (Affirmative)

NAME_____Class_____

WORKSHEET-7

Skill Validating the sentences and parts of speech.

I. **DIRECTIONS: Read the following statements and mark your response as true or false. Rewrite the correct statements in the space provided below, in case of false statements.**

1. The name of a particular person, place or thing is called a Common Noun. ☐

2. A sentence which asks a question is called an assertive sentence. ☐

3. The part of the sentence that refers to the doer of the action is called the predicate. ☐

4. The pronoun refers to the subject of a sentence. ☐

5. The pronoun in the second person (You) denotes the person spoken about. ☐

6. I, we, you, etc. are personal pronouns. ☐

7. Who, which, when are demonstrative pronouns. ☐

8. Each, every, either, neither are distributive adjectives. ☐

9. Some, much, more, enough are adjectives of quantity. ☐

10. Adjectives of number are definite (all, few, several) and indefinite (ten, fourth, single). ☐

_____

_____

_____

_____

_____

_____

_____

_____

_____

II. **DIRECTIONS: The sentences given below are grammatically incorrect and contain error in various parts of speech. Correct the following sentences.**

A. **Mistakes related to nouns**

1. The boys are playing crickets. _____

2. The sheeps are grazing in the field. _____

3. The dog were barking all night. _____

4. He washed his feets. _____

5. Our schools is winning the match. _____

B. **Mistakes related to pronouns**

1. I know the boy which was playing with you. _____

2. Shalini is going to Kolkata to see his brother. _____

3. She himself ruined her career. _____

4. Whom of the shirts do you like the best? _____

5. I enjoyed herself during the holidays. _____

C. **Mistakes related to adjectives**

1. I love china food. _____

2. Manoj was the bestest batsman. _____

3. Those are beauty pictures. _____

4. I am feeling badder today. _____

5. Qutab Minar is a taller building. _____

D. **Mistakes related to verbs**

1. Our hen has given an egg. _____

2. He singing a song yesterday. _____

3. The bullock cart are no more found in villages. _____

4. He fight for his country. _____

5. Three plus three make six. _____

WORKSHEET-8

Skill Choosing the correct parts of speech.

DIRECTIONS: The questions given below are based on various parts of speech. Study the sentences carefully and choose the best answer.

I. Questions related to nouns

1. The name of an idea, event, concept or quality is called

   (a) Proper Noun   (b) Abstract Noun   (c) Collective Noun (d) Material Noun

2. A noun which is used for the substance of which things are made is called a

   (a) Common Noun   (b) Collective Noun   (c) Material Noun   (d) Proper Noun

3. A name given to a particular person, place or thing is a

   (a) Proper Noun   (b) Material Noun   (c) Abstract Noun   (d) Collective Noun

4. A_____ of bees flew out of the burning hive.

   (a) group   (b) 104   (c) swarm   (d) heap

5. A _____ gathered in front of the public television to view the match.

   (a) group   (b) crowd   (c) army   (d) team

II. Questions related to pronouns

1. _____ of them were soldiers.

   (a) Those   (b) Which   (c) Most   (d) That

2. _____ has stolen her purse

   (a) They   (b) Somebody   (c) Few   (d) Yourself

3. _____ was thrown down from the balcony by his neighbours.

   (a) They   (b) Who   (c) This   (d) He

4. He _____ broke his slate.

   (a) herself   (b) itself   (c) him   (d) himself

5. The cows of Tibet are not as good as _____ of India.

   (a) them   (b) some   (c) those   (d) few

III. Questions related to adjectives

1. This house is _____ than that.
    (a) big   (b) small   (c) smaller   (d) as big as

2. _____ road should we take?
    (a) When   (b) Why   (c) Which   (d) Whose

3. These berries are _____ compared to those.
    (a) sweeter   (b) sweet as   (c) colder   (d) none of these

4. Your drawings are quite _____ .
    (a) good looking   (b) beautiful   (c) standard   (d) cheerly

5. _____ girl was happy.
    (a) All   (b) Some   (c) Any   (d) Every

IV. Questions related to verbs

1. A passerby _____ the victim some water.
    (a) bring   (b) brought   (c) bringing   (d) bringed

2. She _____ my mother a handy cookbook.
    (a) lent   (b) lend   (c) lended   (d) borrowed

3. Ranika was _____ leave by the principal to participate in the reality show.
    (a) grant   (b) grants   (c) grunt   (d) granted

4. Sangita _____ a grudge against her step mother.
    (a) beared   (b) bored   (c) bears   (d) bearing

5. Shamita _____ me some of her paintings.
    (a) show   (b) showed   (c) shown   (d) shew

V. Questions related to adverbs

1. Suchitra dances _____ .
    (a) gracefully   (b) peacefully   (c) grace   (d) peace

2. The villagers _____ went out at night as it was unsafe to do so.
    (a) frequently   (b) seldom   (c) always   (d) fearfully

3. The composition is _____ complete. I will just give it to you.
    (a) never   (b) almost   (c) mostly   (d) always

4. Children should develop the habit of going to bed _____ .
    (a) frequently   (b) seldom   (c) early   (d) slowly

5. We are all _____ hopeful that India will win the world cup this time.
    (a) seldom   (b) frequently   (c) very   (d) fully

NAME_____ Class_____

WORKSHEET-9

Skill Estimating the correct part of speech with the help of clues.

DIRECTIONS: **Fill the crossword given below, with the help of given hints.**

ACROSS:

4.   Names a person, place, or thing. (boy, town, ball)

7.   A short exclamation. (Hi!, Uh, Ah!)

8.   Substitutes a noun or a noun phrase to show another name for a person, place, or thing. (he, whom)

9.   The part of speech that changes a verb, an adjective, or an adverb. (very, rapidly)

DOWN:

1.   Describes a noun. (cold, wet)

2.   A word that joins two parts of a sentence. (but, and, or)

3.   A word that connects a noun or pronoun to another word in the sentence. (before, into)

5.   A word that is put next to a noun. (the, a, an)

6.   An action word. (run, clap)

Word Bank: Adjective, adverb, article, conjunction, interjection, noun, preposition, pronoun, verb.

Creation

NAME_____Class_____

WORKSHEET-10

Skill Writing sentences from the words.

DIRECTIONS: Some words in the form of nouns, pronouns and adjectives are given below. You have to make sentences using these words.

I. Common nouns

1. Television - _____ .
2. Men - _____ .
3. Country - _____ .
4. Subject - _____ .
5. Streets - _____ .

II. Abstract nouns

1. Wisdom - _____ .
2. Courageous - _____ .
3. Justice - _____ .
4. Poverty - _____ .
5. Mercy - _____ .

III. Collective nouns

1. Bunch - _____ .
2. Cluster - _____ .
3. Crowd - _____ .
4. Team - _____ .
5. Heap - _____ .

IV. Demonstrative adjectives

1. This - _____ .
2. That - _____ .
3. These - _____ .
4. Those - _____ .

V. Exclamatory words

1. Oh God!   – _____ .
2. Hello!   – _____ .
3. My goodness! – _____ .
4. Wonderful!   – _____ .
5. How sweet!   – _____ .
6. Bravo!   – _____ .
7. Really!   – _____ .
8. Beautiful!   – _____ .
9. Hurrah!   – _____ .
10. Very well!   – _____ .

VI. Interrogative pronouns

1. Who   - _____ .
2. Whose   - _____ .
3. Whom   - _____ .
4. Which   - _____ .
5. What   - _____ .

VII. Adverbs

1. Highly   - _____ .
2. Wisely   - _____ .
3. Never   - _____ .
4. Probably   - _____ .
5. Here   - _____ .

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S. No.	Chapter	Page No.
1.	Addition and Subtraction	1-20

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CONTENTS

1 CHAPTER

ADDITION AND SUBTRACTION

NAME_____ Class_____

WORKSHEET-1

Skill   Revising the facts related to addition and subtraction.

I. DIRECTIONS: Given below are two columns— column I and column II. Match the two columns and write the correct answer in the given blank grid.

Column I	Column II
A. The number which is to be subtracted is called the	(i) sum
B. The number from which another number is subtracted is called the	(ii) addendum
C. The answer of an addition sum is called the	(iii) subtrahend
D. The answer of a subtraction sum is called the	(iv) minuend
E. The numbers which are to be added are called	(v) difference
F. Order property of addition	(vi) $7 + 0 = 7 – 0 = 7$
G. Zero property	(vii) $4 + 5 = 5 + 4 = 9$
H. The difference between 52467 and 34503 is	(viii) 52211
I. The addition of 14567 and 5432 is equal to	(ix) 99782
J. The sum of 99782 and 0 is equal to	(x) 17964
K. When we subtract 4532 from 56743 we get	(xi) 19999

A-	B-	C-	D-	E-	F-
G-	H-	I-	J-	K-	

II. DIRECTIONS: Read the following statements and write 'true' or 'false' against each statement.

(i)   The operation to find the total of different values is called subtraction.

(ii)   Addition of small numbers can be done horizontally.

(iii)   The numbers being added are called addends and the answer is called the difference.

(iv)   Changing the order of the addend in an addition sum changes the answer.

(v)   Zero subtracted from a number does not change the value of the number.

(vi)   Subtraction is the inverse of addition.

(vii)   Subtraction is used to find out how many things are left.

(viii)   We use addition when we find how many things are left.

(ix)   We use addition when we put two or more things together.

(x)   The answer in subtraction is called difference.

NAME_____ Class_____

WORKSHEET-2

Skill Interpreting the data in tables on the addition and subtraction.

I. DIRECTIONS: Study the table given below and answer the following questions based on it.

School	Number of Students
Primary School	1240
Middle School	3490
High School	3680

(i) What is the total number of students in the school?

_____

_____

_____
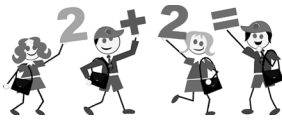
(ii) How many students are more in middle school than in Primary school?

_____

_____

(iii) How many students are more in high school than in middle school?

_____

_____

(iv) Subtract the difference of number of students of primary and middle school from the number of students of high school.

_____

_____

_____

(v) High school is holding an additional french class. It has 200 students. So, what is the total number of students in high school now?

_____

_____

II. DIRECTIONS: Below given table shows the depths of the deepest oceans and seas in the world. Look at the table and answer the questions.

Ocean/Sea	Average depth (in metres)
Pacific ocean	4028 m
Indian ocean	3963 m
Atlantic ocean	3926 m
Caribbean sea	2647 m
South China sea	1652 m
Bering sea	1547 m
Gulf of Mexico	1486 m
Mediterrean sea	1429 m

(i) How much deeper is the caribbean sea than the Gulf of Mexico?

_____

_____

_____

(ii) Which sea is 1316 m less in depth than the Indian ocean?

_____

_____

_____

(iii) Which two oceans or seas have the smallest difference in depth?

_____

_____

_____

WORKSHEET-3

DIRECTIONS: Read the poster given below and answer the questions that follow:

FUN FAIR
Coming soon to your city

Special attraction: Roller Coaster, The Giant wheel
Merry-Go-Round

Giant Wheel

Entry Fees
Adults: ₹ 60
Children: ₹ 30

Entry Fees
Adults: ₹ 63
Children: ₹ 47

Merry-Go-Round   Roller Coaster
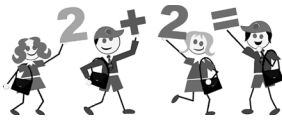
Entry Fees
Adults: ₹ 65
Children: ₹ 35

Entry Fees
Adults: ₹ 175
Children: ₹ 125

(i) If your mother gave you ₹ 300 to spend at the fair, then on which all the rides you can go to?

_____

_____

_____

(ii) Suppose your elder brother has ₹ 200 only. Does he has enough money to take ride on giant wheel twice and merry-go-round once?

_____

_____

_____

(iii) Riya has 6 friends, of these 2 takes rides on giant wheel, 2 takes rides on roller-coaster while rest of them takes neither giant wheel nor roller-coaster. How much they spend in all?

_____

_____

_____

(iv) Suppose you and your elder brother or sister have ₹ 50 only. Both want to take rides on roller coaster. How much more money do you need?

_____

_____

_____

WORKSHEET-4

Skill Solving the word problems with the help of picture clues.

DIRECTIONS: On Sunday five friends visit a nature site. There everyone collects some leaves. Look at the picture and answer the question that follow.
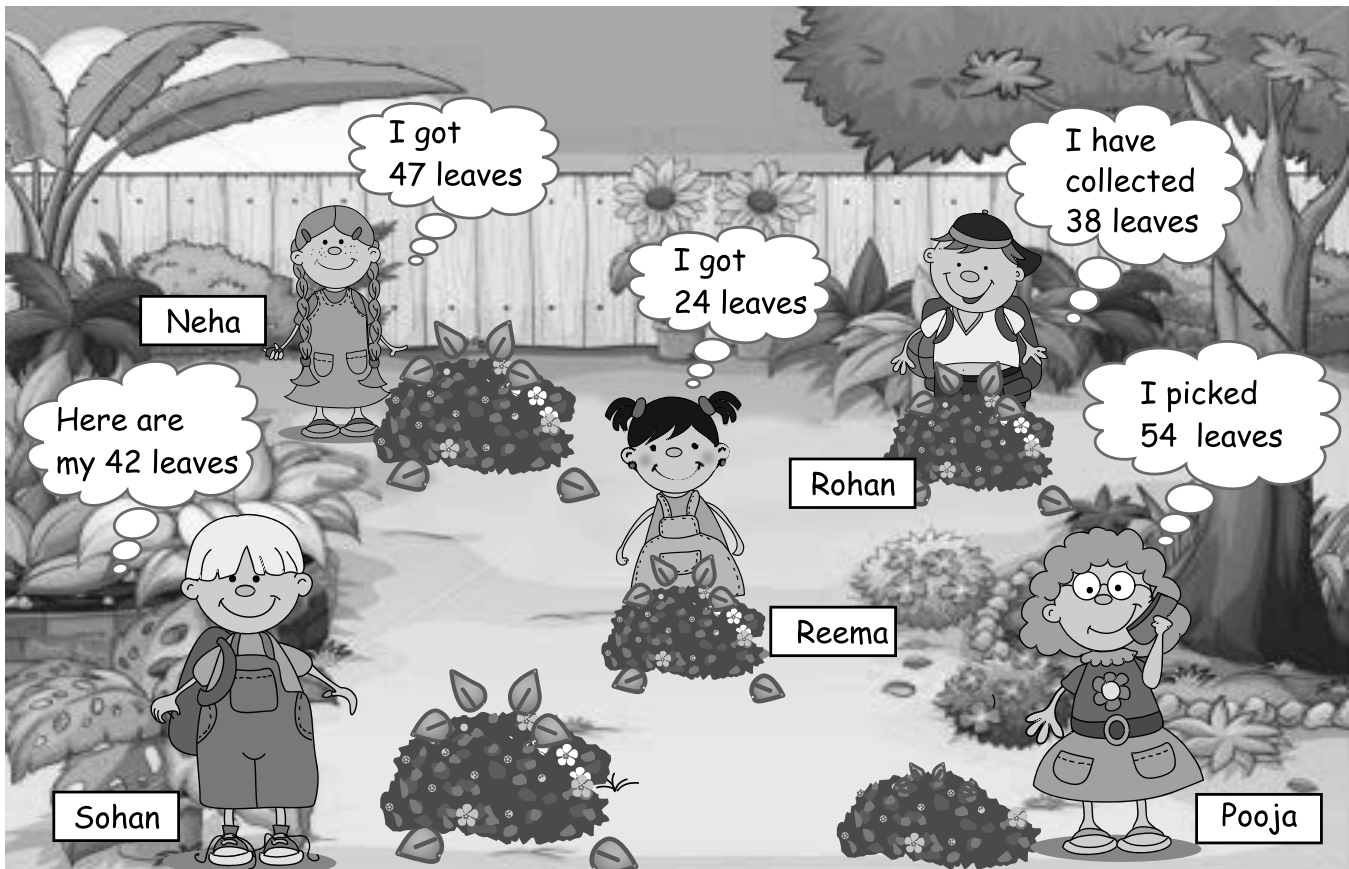
(i) Who collected the most leaves?

_____

_____

(ii) How many more leaves should Rohan collect to be equal to Sohan?

_____

_____

(iii) If Reema gets 24 more leaves, then how many leaves she has?

_____

_____

(iv) Who needs 3 more leaves to have 50 leaves?

_____

_____

(v) How many more leaves should Reema collect to have 30 leaves?

_____

_____

NAME_____ Class_____

WORKSHEET-5

Skill Solving addition and subtraction based problems.

DIRECTIONS: Read the following questions and tick (✓) the correct answer from the four choices.

(i) The difference between 7 times 8 and 9 times 10 is

(a) 43 ☐   (b) 34 ☐

(c) 56 ☐   (d) 144 ☐

(ii) The number which is 9999 less than 99999 is

(a) 9000 ☐   (b) 90,000 ☐

(c) 900 ☐   (d) 90 ☐

(iii) 25 – ☐ = 16

To find the missing number, 16 is _____ from the 25.

(a) subtracted ☐   (b) Added ☐

(c) multiplied ☐   (d) divided ☐

(iv) Increase me by two, then take away one. In the end you should have ten. I am number

(a) 8 ☐   (b) 10 ☐

(c) 11 ☐   (d) 9 ☐

(v) In a store, there are 1673 bags of wheat, 3670 bags of rice and 546 bags of cereals, the total number of bags of foodgrains in the store are

(a) 5879 ☐   (b) 5877 ☐

(c) 5889 ☐   (d) 6889 ☐

(vi) Madhavi wants to buy a house costs ₹ 506000. She has ₹ 148690 in her bank, how much more money is required to buy this house?

(a) 367310 ☐   (b) 357310 ☐

(c) 453710 ☐   (d) 353710 ☐

(vii) Statement A: 999 + 0 = 999

Statement B: 999 + 1 = 1 + 999 = 1000

(a) Statement A is correct ☐   (b) Statement B is correct ☐

(c) Both are correct ☐   (d) Both are incorrect ☐

(viii) Statement A: Minuend - Subtrahend = Difference

Statement B: Minuend - Difference = Subtrahend

(a) Statement A is true but B is false ☐

(b) Statement B is true but A is false ☐

(c) Both the statements are true ☐

(d) Both the statements are false ☐

(ix) The sum of two numbers is 33928. One of the numbers is 10116. The other number is

(a) 22812 ☐ (b) 23812 ☐

(c) 44044 ☐ (d) 23800 ☐

(x) If + = − and − = + then the value of 19 + 17 − 75 + 8 − 4 is

(a) 55 ☐ (b) 75 ☐

(c) 73 ☐ (d) 85 ☐

(xi) Find the values of A and B.

	B	
A	949	
315	622	327

(a) A = 937, B = 1886 ☐ (b) A = 949, B = 937 ☐

(c) A = 315, B = 2000 ☐ (d) A = 500, B = 1000 ☐

(xii) Find the values of A, B and C.

20 **+** 52   A

100 **−** 5   B

50 **−** 49   C

(a) A = 77, B = 105, C = 1 ☐ (b) A = 67, B = 95, C = 1 ☐

(c) A = 52, B = 105, C = 49 ☐ (d) A = 77, B = 95, C = 1 ☐

NAME_____ Class_____

WORKSHEET-6

Skill Computing missing digits in the addition and subtraction problem.

DIRECTIONS: Look at each problem carefully. Find the missing digits.

(a)
```
    4  3  2  4  2
+  □  □  □  □  □
   9  1  4  3  9
```

(b)
```
   3  4  2  6
   □  □  □  □
+  1  4  6  2
   8  6  7  9
```

(c)
```
   □  □  □  □  □
+  8  4  9  8  6
1  2  2  6  4  3
```

(d)
```
   □  3  2
   4  □  3
+  5  2  □
1  3  8  7
```

(e)
```
   1  5  7  8
   5  1  □  7
+  2  4  5  □
   □  □  6  8
```

(f)
```
   7  2  5  3
   □  4  1  8
+  4  □  7  □
   □  6  3  □  5
```

(g)

```
  4 ☐ 4 7 ☐
+ 2 7 ☐ 8 4
─────────────
  ☐ 3 1 6 3
```

(h)

```
  7 2 ☐ 4 3
+ 1 ☐ 2 ☐ 8
─────────────
  ☐ 7 2 7 ☐
```

(i)

```
  8 2 7 5 4
− ☐ 1 ☐ ☐ 8
─────────────
  6 ☐ 9 3 6
```

(j)

```
  1 2 1 9 1 6
−   6 2 2 ☐ 7
──────────────
  ☐ ☐ ☐ 0 ☐
```

(k)

```
  ☐ 2 0 5
− 3 ☐ ☐ ☐
─────────
  5 3 3 2
```

(l)

```
  6 1 ☐ 8 5 5
− 4 8 7 3 2 ☐
──────────────
  ☐ ☐ 5 ☐ ☐ 3
```

(m)

```
  5 2 6 ☐ 2 6
− 4 5 9 7 7 ☐
──────────────
  ☐ ☐ 5 ☐ 8
```

(n)

```
  3 4 ☐ 5 3
− 1 6 7 7 9
─────────────
  1 ☐ 5 ☐ ☐
```

WORKSHEET-7

Skill Investigating numbers that follow some rules on addition and subtraction.

I. DIRECTIONS: Read the picture given below. Find the pairs of numbers from the outer circle that add up to make the number present in the inner circle and fill them in blank boxes.
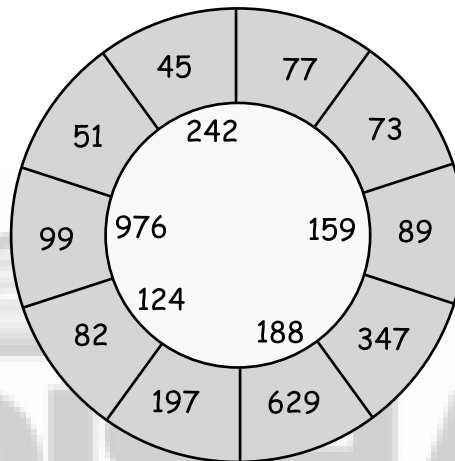
Numbers of outer circle			Numbers of inner circle
(a)	+	=	
(b)	+	=	
(c)	+	=	
(d)	+	=	
(e)	+	=	

II. Reema, Anshi, Dipanshu, Dhiraj and Amrit study in class IV. Their test marks have got all mixed up. Using the clues given below, help them to find who got how many marks?

- Dhiraj got 7 marks less than Dipanshu.
- Amrit scored 18 more than Dhiraj.
- Anshi's marks are equal to Dhiraj's and Amrit's marks minus Reema's marks.
- Teacher remembered Dipanshu's marks, 76 out of 100.
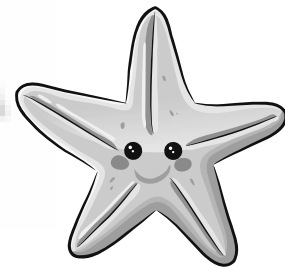- If we reduce Dipanshu's marks by 13, they will be equal to Reema's marks.

Student's Name	Marks
Reema	_____
Anshi	_____
Dhiraj	_____
Amrit	_____

_____'s score is the highest and _____'s score is the lowest.

III. Write five different ways to make 3452 in all the arms of the starfish.

_____

_____

_____

IV. Find the value of A, B and C

5   20   2

895   A   B   C

_____

_____

_____
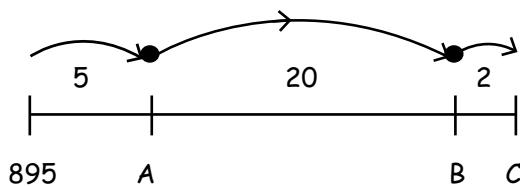
WORKSHEET-8

Skill Determining the solution of word problems based on addition and subtraction.
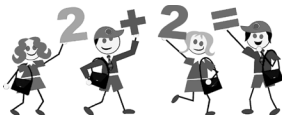
DIRECTIONS: Read the number stories given below and answer them.

(i)   There are 38800 girls in a school. The number of boys is 8500 more than the girls. Find the total number of boys and the total number of students in the school.

_____

_____

_____

(ii) Dhyanchand had three farms. Farm 'A' was used to grow cotton and it earned him ₹ 6800. Farm 'B' was used to grow jute and it earned him ₹ 3200 more than farm 'A'. Farm C was used to grow coffee and it earned him ₹ 500 more than farm C. Find the money he made on each farm and the total money he made from all the three farms.

_____

_____

_____

_____

(iii) Vedant wanted to buy a TV set for ₹ 25000. He won ₹ 18538 in a lottery ticket. How much more money does he need to buy his TV set?

_____

_____

_____

(iv) A farmer produced 1556 bags of wheat in 2002 and 1498 bags of wheat in 2003. In which year did he produce more wheat and by how much?

_____

_____

_____

(v) In a magic box if you put a number, the number is first added by 16 and reduced by 10 and then again it is reduced by 2 and added by 15. If you put 24 into the box what will be the result?

_____

_____

_____

(vi) Neha read 38 pages of her storybook on Monday. She read 27 pages more on Tuesday than she had read on Monday. She found that there were still another 216 pages left.

(a) How many pages did Neha read on Tuesday?

_____

_____

_____

(b) How many pages were there in the story book?

_____

_____

_____

WORKSHEET-9

I. DIRECTIONS: Given below addition statements. Read them and build two subtraction facts for each of them.

(i) 241 + 608 = 849.

    (a) _____

    (b) _____

(ii) 2376 + 402 = 2778

    (a) _____

    (b) _____

(iii) 1195 + 378 = 1573

    (a) _____

    (b) _____

(iv) 201 + 362 = 563

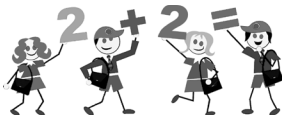   (a) _____

    (b) _____

(v) 198 + 234 = 432

    (a) _____

    (b) _____

(vi) 3896 + 200 = 4096

    (a) _____

    (b) _____

II. **DIRECTIONS: Read the addition or subtraction statements of numbers and compose a number story or word problem for that statement. One has been done for you.**

Addition : 628 + 274 + 128 =

Number Story : Riya has 628 blue marbles, 274 green marbles and 128 white marbles. How many marbles do she has in all?

(i)   Addition: 1682 + 3620 + 548 =

_____

_____

_____

(ii)   Subtraction: 11290 – 2895 =

_____

_____

_____

(iii)   Subtraction: 465374 – 56734

_____

_____

_____

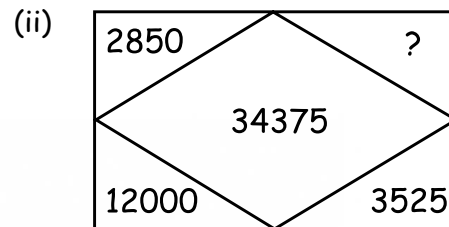(iv)   Subtraction: 65387 – 45372

_____

_____

_____

WORKSHEET-10

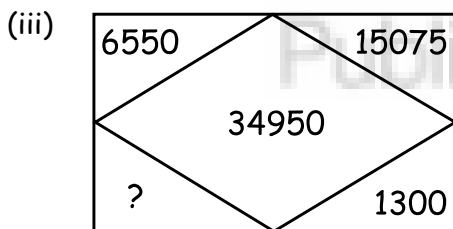**Skill**   Finding the missing numbers with the help of picture clues.

I.   **DIRECTIONS: Look at the pictures given below. The corner numbers are added upto the number given in the centre. Fill in the missing numbers.**
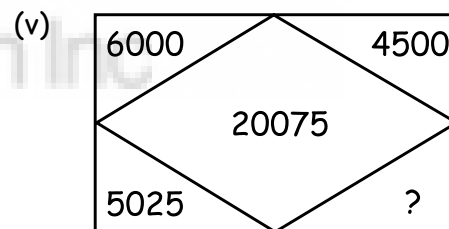
(i)
```
?               4225
        14350
1050            7500
```

Missing number:_____

(ii)
```
2850              ?
        34375
12000          3525
```

Missing number:_____

(iii)
```
6550        15075
       34950
 ?          1300
```

Missing number:_____

(v)
```
6000        4500
       20075
5025          ?
```
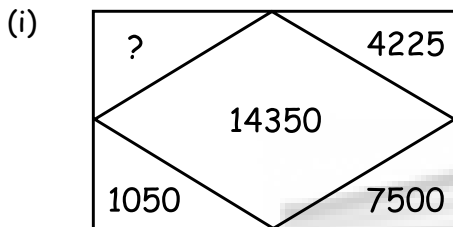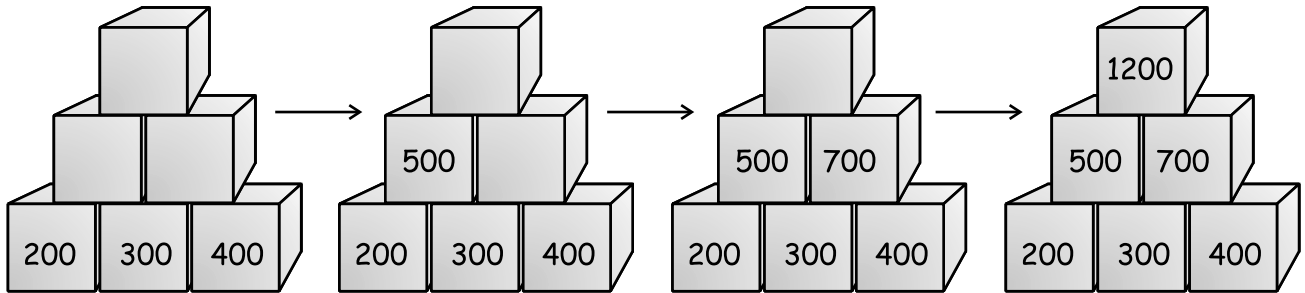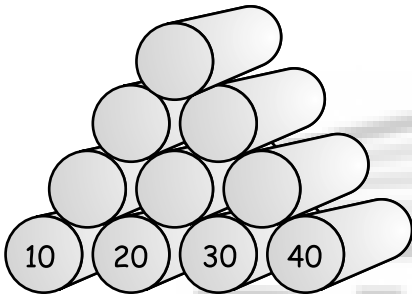
Missing number:_____

II. DIRECTIONS: Observe the pattern given in boxes. Use it to fill in the blanks.

(i)

(ii)

(iii)

(iv)

Perfect Genius
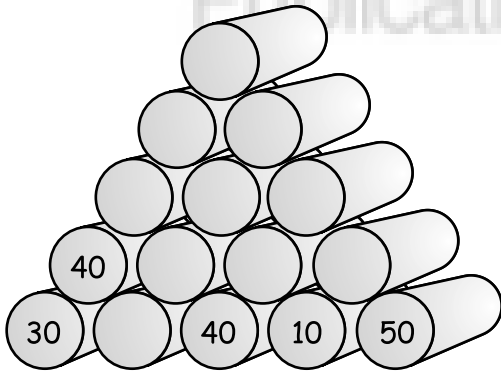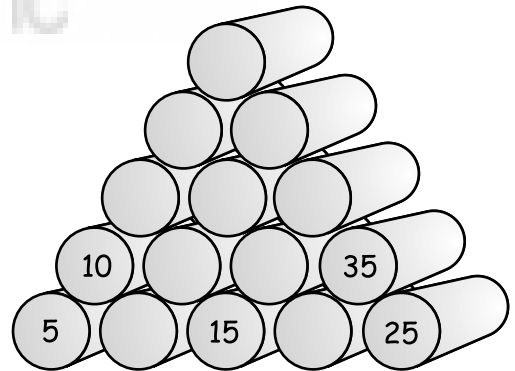*skills for the 21st century*

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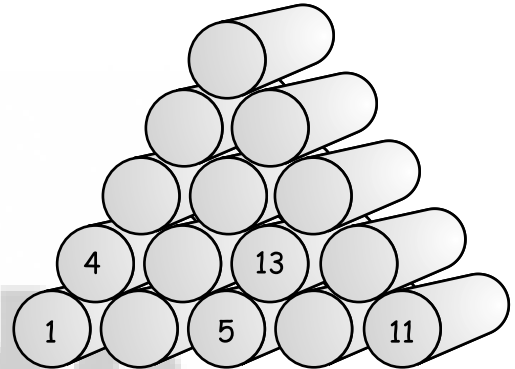
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S. No.	Chapter	Page No.
Part I : Science		
1.	Plants	1-14

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CONTENTS

PART-I : SCIENCE

1
CHAPTER

PLANTS

W.S. No.	Learning Stage	Skill	Page No.
1.	Knowledge	Exhibiting knowledge about plants.	3-4
2.	Comprehension	Answering questions on the basis of previously learned facts.	5-6
3.	Application	Solving problems by applying acquired knowledge.	7-8
4.	Analysis	Examining and analysing given conditions.	9-10
5.	Evaluation	Evaluating given information and generating logical answers.	11-12
6.	Creation	Collecting information to create unique presentation.	13-14

WORKSHEET-1

Skill   Exhibiting knowledge about plants.

I. DIRECTIONS: Match the following Column I with Column II.

Column I (Trees)	Column II (Places where they are found)
(A) Mangroves	(i) Hilly Areas
(B) Cactus	(ii) Plains
(C) Teak, rubber	(iii) Hot and damp areas
(D) Mango, banyan	(iv) Deserts
(E) Pine, Spruce	(v) Marshy areas

A -	B -	C -	D -	E -

II. DIRECTIONS: Give short answers to these questions.

1. Name two root vegetables that have tap root.

_____

2. Name two cereals that have fibrous root.

_____

3. (a) Banyan tree has roots hanging from its branches. What are these roots called?

_____

(b) What is the use of such roots to a banyan tree?

_____

III. DIRECTIONS: Tick (✓) the correct options regarding process of photosynthesis.

1. Food is called chlorophyll. ☐

2. Food is called starch. ☐

3. Food is made above the ground. ☐

4. Food is made under the ground. ☐

5   Food is made in flowers. ☐

6. Food is made in leaves. ☐

7. Plant take in carbondioxide from air. ☐

8. Plant must have sunlight. ☐

9. Plant gives out oxygen. ☐

10. Plant uses up water taken from soil. ☐

IV. DIRECTIONS : Fill in the blanks given below.

1. A new stem which grows out of a seed is called a _____ .

2. Smaller roots that emerge from a tap root are known as _____roots.

3. Sugarcane and bamboo have _____roots.

4. Roots absorb _____and _____ from the soil.

5. Roots go down and _____out in the soil.

WORKSHEET-2

Skill   Answering questions on the basis of previously learned facts.

I. DIRECTIONS: Answer these questions.

1.   Name three floating plants.

    _____

2.   Name two underwater plants that are used to put in aquariums.

    _____

3.   How do the leaves and flowers in lotus float?

    _____

    _____

4.   How do the underwater plants clean the water?

    _____

    _____

5.   What do the floating plants protect?

    _____

    _____

6.   Name the grass from which paper is made.

    _____

7.   Name the plant which is called giant grass.

    _____

8.   Can you tell the name of three food crops we get from grass family?

    _____

    _____

9.   Name two cereals you consume as staple food.

    _____

10. Name four leaves that we eat.

    _____

11. Name two flowers that we eat.

_____

12. Name two plant products used to make hot drinks.

_____

13. What is used to make chocolate?

_____

_____

14. What makes your candies, cake, and custard sweet?

_____

15. What are two main sources of sugar.

_____

16. Edible oils used for cooking, are obtained from seeds of plants. Name three edible oils.

_____

_____

II. **DIRECTIONS: Food is stored in different parts of plants. Given below are the pictures of different parts of plants. Choose the correct name from the options given below:**

stem, root, leaves, fruit, seeds

(a)

(b)

(c)

(d)

(e)
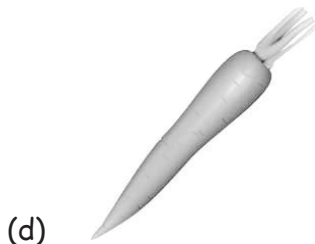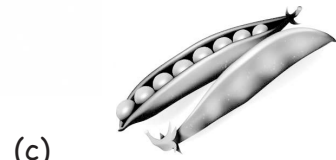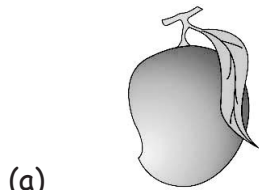
WORKSHEET-3

Skill   Solving problems by applying acquired knowledge.

I.   **DIRECTIONS: Sort these vegetables into correct group:**
Cauliflower, Carrot, Coriander Beans, Ladyfinger, Mint, Beetroot, Turnip, Spinach, Cabbage, Radish, Ginger, Brinjal, Lettuce, Onions, Broccoli, Potatoes, Tomatoes, Pumpkin.

Roots	Stems	Flowers	Fruits	Leaves

II.   **DIRECTIONS: Identify the spices and unscramble their names:**

(a)   LOCEVS   (b)   NNICMANO   (c)   MUCNI   (d)   RAGILC
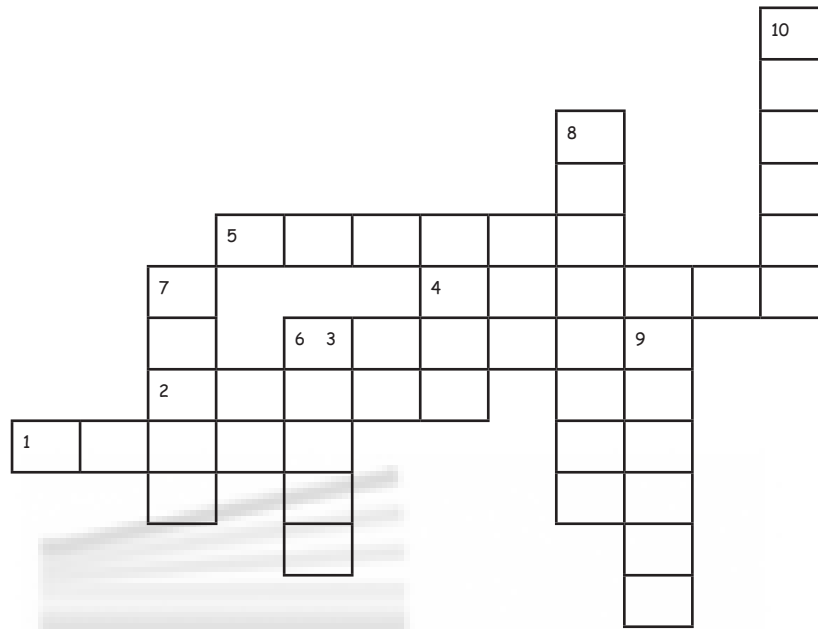
III. DIRECTIONS: Solve the puzzle related to the parts of a flower.

Across

1. Swollen base
2. Coloured part
3. Sticky tip of pistil
4. Male part
5. Female part

Down

6. Long stalk of pistil
7. Leafy parts at the base of a flower
8. Long stalk of stamen
9. Swollen tip of filament
10. Powdery substance in anthers

WORKSHEET-4

I.   DIRECTIONS: Match the following column I with column II.

Column-I	Column-II
Trees	**Places (where they are found)**

(A) Soil is stiky and clayey and trees have breathing roots.   (i)   Hot and damp areas

(B) Plants have green, fleshy stems to store food and water, leaves are reduced to spines.   (ii)   Plains

(C) Trees have lots of leaves.   (iii)   Hilly areas

(D) Trees have lots of branches, can bear the heat but shed leaves in winter.   (iv)   Marsh areas

(E) Trees are tall and straight, have needle like leaves and bear cones instead of flowers.   (v)   Deserts

A -	B -	C -	D -	E -

II. DIRECTIONS: Tick (✓) the correct answer:

1.   The plants of the grass family give us the main food that are

   (a) straw and sugarcane   ☐

   (b) rice and wheat   ☐

   (c) nuts and fruits   ☐
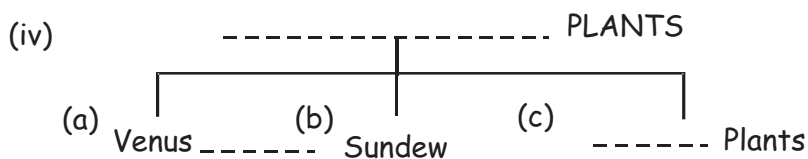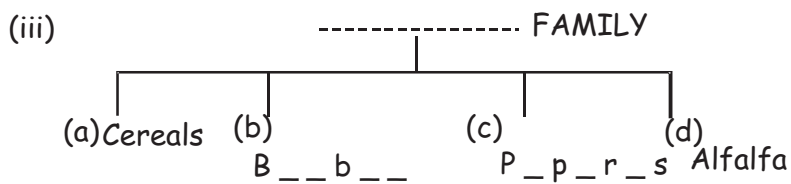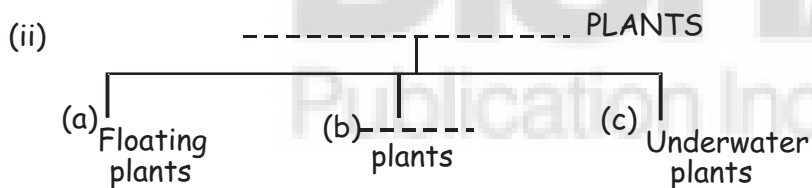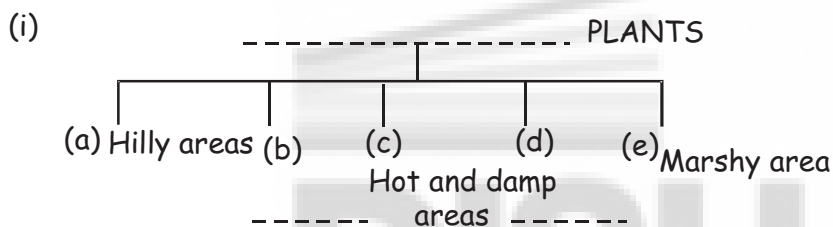
2.   A cactus plant saves water by

   (a) not having roots   ☐

   (b) not having a stem   ☐

   (c) not having leaves   ☐

3. A lotus plant has

(a) very thin leaves ☐

(b) needle like leaves ☐

(c) broad leaves ☐

4. Plants growing in hilly areas have

(a) no leaves ☐

(b) needle like leaves ☐

(c) broad leaves ☐

III. DIRECTIONS: Give proper headings to the group of subdivisions shown below:

(i)

```
                    _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _.  PLANTS
     ┌──────────┬──────────┬──────────┬──────────┐
(a) Hilly areas (b)       (c)        (d)        (e) Marshy area
                          Hot and damp
                          _ _ _ _ _  areas  _ _ _ _ _
```

(ii)

```
                    _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _.  PLANTS
     ┌────────────────┬────────────────┐
(a)                  (b) _ _ _ _ _ _   (c)
Floating                 plants            Underwater
plants                                     plants
```

(iii)

```
                    _ _ _ _ _ _ _ _ _ _ _ _ _ _  FAMILY
     ┌──────────┬──────────────────┬──────────┐
(a) Cereals   (b)               (c)          (d)
              B _ _ b _ _       P _ p _ r _ s  Alfalfa
```

(iv)

```
                    _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _.  PLANTS
     ┌──────────┬──────────────────┬──────────┐
(a)            (b)                (c)
Venus _ _ _ _ _    Sundew            _ _ _ _ _ _  Plants
```
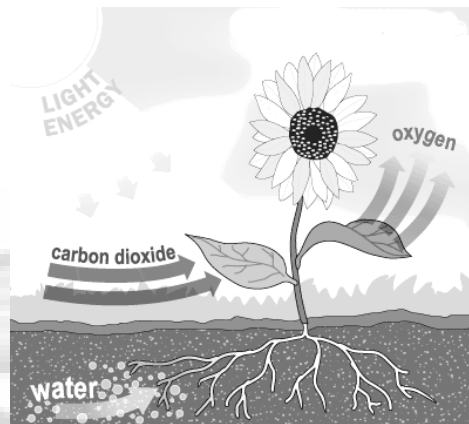
WORSHEET-5

Skill Evaluating given information and generating logical answers.

I. DIRECTIONS: Study the given picture and answer the following questions.

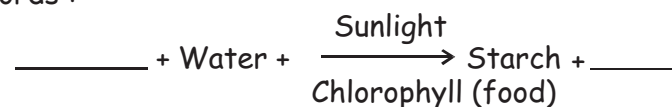(a) Identify the process shown in the above diagram.

_____

(b) Name the gas taken by plants from air.

_____

(c) From where do plants take light and water?

_____

(d) Name the green pigment used by the plants

_____

(e) Which gas is given out as a result of photosynthesis?

_____

(f) Fill the missing words :

$$\underline{\quad\quad} + \text{Water} + \xrightarrow[\text{Chlorophyll}]{\text{Sunlight}} \text{Starch (food)} + \underline{\quad\quad}$$

(g) Which part of a plant is called food factory?

_____

II. DIRECTIONS: Based on given picture, answer the following questions.

(a) What is the fruit discussed in the picture?

_____

(b) What are the uses of this fruit in cooking and cleaning?

_____
_____

(c) What is the colour of this food from inside and outside?

_____
_____

III. DIRECTIONS: In the pictures given below write (Ro) for ROOTS, (St) for STEMS, (Se) for Seeds.

(a)

(b)

(c)

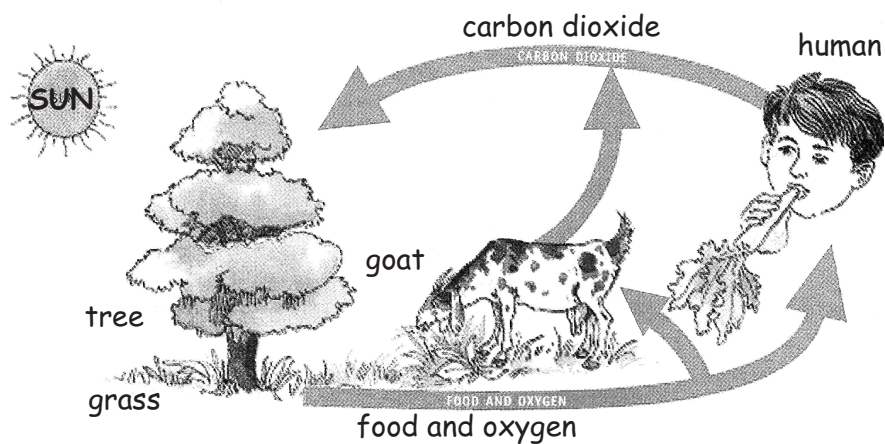
(d)

(e)

(f)

NAME_____Class_____

WORKSHEET-6

Skill Collecting information to create unique presentation.

I. DIRECTIONS: Solve the diagram based questions according to the given instructions.

1. Draw the diagram of a desert plant.

2. Draw the diagram of a water plant.

II. DIRECTIONS: "Animals and plants are interdependent on each other". Justify it using the given picture.

III. DIRECTIONS: Make a list of vegetables which we can eat raw, one from each group.

Root	Stem	Fruit	Leaf

IV. DIRECTIONS: Draw and colour five types of vegetables which love to eat in salads.