



NCERT **ENGLISH** WORKSHEETS for **CLASS 5**

(Based on Bloom's taxonomy)

Grammar, Composition,
Comprehension

100 SKILLS
MASTERED

100 SCIENTIFICALLY
RESEARCHED WORKSHEETS

- * Knowledge
- * Understanding
- * Application
- * Analysis
- * Evaluation
- * Creation

2nd
Edition



NCERT **MATHEMATICS** WORKSHEETS for **CLASS 5**

(Based on Bloom's taxonomy)

100 SKILLS
MASTERED

100 SCIENTIFICALLY
RESEARCHED WORKSHEETS

- * Knowledge
- * Understanding
- * Application
- * Analysis
- * Evaluation
- * Creation

2nd
Edition



NCERT **SCIENCE & SOCIAL SCIENCE** WORKSHEETS for **CLASS 5**

(Based on Bloom's taxonomy)

100 SKILLS
MASTERED

100 SCIENTIFICALLY
RESEARCHED WORKSHEETS

- * Knowledge
- * Understanding
- * Application
- * Analysis
- * Evaluation
- * Creation

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SAMPLE



NCERT ENGLISH WORKSHEETS for CLASS 5

(Based on Bloom's taxonomy)

Grammar, Composition
Comprehension

100 SKILLS
MASTERED

**100 SCIENTIFICALLY
RESEARCHED WORKSHEETS**

- ★ Knowledge
- ★ Understanding
- ★ Application
- ★ Analysis
- ★ Evaluation
- ★ Creation

**2nd
Edition**



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Free Sample Contents

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This sample book is prepared from the book "Perfect Genius NCERT English Worksheets for Class 5 (based on Bloom's taxonomy) 2nd Edition".



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CHAPTER

CLASSIFIED
VOCABULARY

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READ

SPEAK

THINK

WRITE



NAME _____ Class _____

Knowledge

WORKSHEET-1**Skill** Understanding the meaning of the words.

DIRECTIONS: Match the words given in Column I with their correct meaning in Column II and fill the grid given below.

- | 1. | Column I (Word) | Column II (Meaning) |
|----|-----------------|--|
| | A. Amateur | (i) One who takes the dark side of things. |
| | B. Foreigner | (ii) One who entertains his guests. |
| | C. Bankrupt | (iii) A man whose wife is dead. |
| | D. Hospitable | (iv) One who is present everywhere. |
| | E. Orthodox | (v) A man of traditional beliefs. |
| | F. Atheist | (vi) One who does not believe in God. |
| | G. Credulous | (vii) Person residing in a country of which he is not a citizen. |
| | H. Ominipresent | (viii) One who believes easily whatever is told. |
| | I. Pessimist | (ix) One who pursues some art or sport as hobby. |
| | J. Veteran | (x) One who cannot pay off his debt. |
| | K. Linguist | (xi) One who has long experience. |
| | L. Widower | (xii) One who knows many languages. |

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

- | 2. | Column I (Word) | Column II (Meaning) |
|----|-----------------|--|
| | A. Universal | (i) That moves from one place to another. |
| | B. Parables | (ii) A post for which no salary is paid. |
| | C. Contagious | (iii) Allowance given to intelligent students. |
| | D. Honorary | (iv) A written declaration of Government or a political party. |
| | E. Manifesto | (v) Stories which build morale. |
| | F. Migratory | (vi) Of one's own free will. |



G. Incredible

H. Anonymous

I. Matinee

J. Scholarship

K. Voluntary

(vii) A cinema show which is held in the afternoon.

(viii) That which cannot be belived.

(ix) A rule that is applicable to all

(x) A disease communicable by contact.

(xi) That does not bear the name of the writer.

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

3.

Column I (Common Hindi Name)

Column II (English Name)

A. Dhaniya

(i) Turmeric

B. Saunf

(ii) Cinnamon

C. Tulsi

(iii) Clove

D. Tejpatta

(iv) Saffron

E. Dalchini

(v) Bay leaf

F. Kesar

(vi) Coriander

G. Laung

(vii) Vinegar

H. Imli

(viii) Basil

I. Haldi

(ix) Aniseed

J. Sirka

(x) Tamarind

K. Mirch

(xi) Buttermilk

L. Chach

(xii) Chili

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



NAME _____ Class _____

Comprehension

WORKSHEET-2**Skill**

Interpreting the correct meaning and usage of words.

I. **DIRECTIONS:** The following table lists some words which would fit in one of the blanks given below.

Acoustic	Sonnet	Bibliography	Ballad	Phonetics
----------	--------	--------------	--------	-----------

- (i) _____ is the science or study of speech sounds and their production, transmission, and reception, and their analysis, classification, and transcription.
- (ii) _____ is the list of references at the end of a book.
- (iii) _____ pertains to the sense or organs of hearing, to sound, or to the science of sound.
- (iv) _____ is a narrative composition in rhythmic verse that tells a story.
- (v) _____ is a 14-line verse form usually having one of several conventional rhyme schemes.

II. **DIRECTIONS:** The following table lists some words which would fit in one of the blanks given below.

Piracy	Fiction	Geology	Botany	Journal
--------	---------	---------	--------	---------

- (i) _____ is the unauthorized reproduction or use of a copyrighted book, recording, television program, patented invention, trademarked product, etc.
- (ii) _____ is the science that deals with the dynamics and physical history of the Earth, the rocks of which it is composed, the physical, chemical, and biological changes that the Earth has undergone or is undergoing.
- (iii) _____ is the science of plants; the branch of biology that deals with plant life.
- (iv) _____ is a periodical or magazine, especially one published for a special group, learned society, or profession.
- (v) A literary work whose content is produced by the imagination and is not necessarily based on fact is called _____.



III. DIRECTIONS: Given below are certain words used to describe a group of things, animals etc.

Fill the following blanks with the corresponding words.

fleet	quiver	cluster	troop	chain
drove	garland	grove	crew	lock

(i) A _____ of cattle.

(ii) A _____ of stars.

(iii) A _____ of hair.

(iv) A _____ of trees.

(v) A _____ of flowers.

(vi) A _____ of horses.

(vii) A _____ of ships.

(viii) A _____ of sailors.

(ix) A _____ of arrows.

(x) A _____ of mountains.

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Class _____

Comprehension

WORKSHEET-3**Skill**

Reading and comprehending the passage.

I. DIRECTIONS: Read the passage and answer the questions that follow.

German hopes of lifting the 2006 FIFA World Cup on home soil died with a semi-final defeat by Italy. Yet, for striker Lukas Podolski, there was a small consolation in the shape of the Best Young Player award, his three goals helped him finish ahead of superstars Cristiano Ronaldo and Lionel Messi in the voting for this prestigious individual award.

Born in Poland, Podolski moved to Germany with his parents in 1987 and started playing football with FC Bergheim, close to his home in Cologne. Nicknamed 'Poldi', he was a mobile and dangerous striker even at that time. Soon he attracted the attention of top club FC Cologne and joined them in 1995.

His career took off from there. Podolski made his first-team debut at 18 and signed professional forms soon afterwards. In his first season Cologne was relegated, but he had an excellent second season, finishing as the top scorer in the second division with 24 goals. In the summer of 2006, he was transferred to Bayern Munich before the FIFA World Cup in the same year.

Podolski is an outstanding product of the German Football Association's youth development system. The left-footed striker first pulled on a national jersey in 2001 for his country's Under-17 team, before appearing for the U-18, U-19 and U-21 sides. He played in a total of 21 youth internationals, scoring 12 goals. He earned his first senior cap on 6 June 2004 at the age of 19 and later that same month had his first taste of a major international tournament as a substitute in Germany's final game of UEFA EURO 2004 against the Czech Republic.

At the 2006 FIFA World Cup, Germany opened with victory over Costa Rica and Poland before Podolski found the net in the third group fixture against Ecuador, firing home to make the score 3-0. The German team finished in third place in that tournament, but Podolski's seven appearances on the world stage impressed the experts enough to earn him the award of Best Young Player.



1. In which country was the FIFA 2006 World Cup played?

2. What individual award did the footballer win at this tournament?

3. What is the player's nickname?

4. Give five vocabulary (words) to define footballer's quality as per the comprehension passage.

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II. DIRECTIONS: Use a dictionary to find the meaning of the following words.

Consolation: _____

Relegation: _____

Accolade: _____

Tournament: _____

Debut: _____



NAME _____ Class _____

Comprehension

WORKSHEET-4**Skill**

Analyzing and identifying the correct usage of words.

DIRECTIONS: Given below are 15 words which are followed by 15 sentences. Each of the sentence depicts an example of one of the words given above. Read each of the sentence and identify the word it exemplifies / describes.

charter	historian	boycott	ownership	hoist
arch	barter	trout	source	architect
artifacts	booming	pouch	performance	encounter

1. I caught a big speckled fish in the river yesterday.
2. The kangaroo keeps her baby in her front pocket for many months.
3. When running through the woods I came face to face with a bear.
4. The pilgrims traded metal pots for various items with the Indians.
5. The bridge looked just like an upside down letter "U".
6. Why don't we lease a bus to carry everyone on the zoo field trip.
7. When digging in the valley we found old plates and arrowheads.
8. We went to his office yesterday so he could help us design the house.



9. The athlete was in tip top shape and did absolutely wonderful.

10. The old man is fascinating. He can tell you anything about history.

11. It's a very good feeling to work hard and buy your own home.

12. We need to locate the person who's spreading all these unfair rumors.

13. The small town grew rapidly after the school was built.

14. The crane lifted up the steel beam to the top of the building.

15. We said we'd stop eating tuna fish at school unless it was "dolphin-safe".

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NAME _____ Class _____

Application

WORKSHEET-5**Skill**

Selecting the correct questions words to determine the quantity.

I. **DIRECTIONS:** Ask questions using 'How many' or 'How much' and answer using 'a few' or 'a little'.

One has been done for you.

- | | How many ? | A few |
|--------------|------------|-------|
| 1. Biscuits | _____ | _____ |
| 2. Bananas | _____ | _____ |
| 3. Water | _____ | _____ |
| 4. Rice | _____ | _____ |
| 5. Tomatoes | _____ | _____ |
| 6. Papers | _____ | _____ |
| 7. Questions | _____ | _____ |
| 8. Bread | _____ | _____ |
| 9. Sugar | _____ | _____ |
| 10. Time | _____ | _____ |



11. Egg

12. Butter

13. Onions

14. Flour

15. Boys

16. Sleep

17. Dogs

18. Money

19. Tea

20. Houses



NAME _____ Class _____

Application

WORKSHEET-6**Skill**

Choosing the correct words to make meaningful sentences.

I. DIRECTIONS: Relate the meaning of the words and apply them in the blanks.**FOOD FUN**

- The taste of the medicine is very _____ .
(a) flavours (b) fried (c) bitter (d) chew
- A dose of _____ C prevents cold.
(a) fat (b) mineral (c) juice (d) vitamin
- I want to have another _____ of chocolate.
(a) glass (b) bite (c) chew (d) grind
- My mother prepares _____ food.
(a) delicious (b) frozen (c) funny (d) ingredients
- _____ the gravy properly, so that it doesn't burn.
(a) Hand (b) Chew (c) Stir (d) Ripe
- Would you like another _____ of pizza?
(a) slice (b) bag (c) cup (d) fried



7. If no food grows this year, we will _____ .

- (a) dance (b) taste (c) starve (d) chew

8. _____ the water into the glass.

- (a) Pour (b) Chop (c) Pick (d) Sauce

9. What are the _____ used for making Biryani ?

- (a) stir (b) ingredients (c) chop (d) delicious

10. Be sure to _____ your food; don't try swallowing it whole or you will choke.

- (a) bake (b) eat (c) chew (d) cook

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NAME _____ Class _____

Analysis

WORKSHEET-7**Skill**

Analyzing the relationship between two words and create analogies.

DIRECTIONS: Read the following questions and choose the option that best answer the questions and give reasons for your answers. Complete the following ANALOGIES.

1. Ornaments : Gold :: Needle : ?

- | | | | |
|------------|--------------------------|------------|--------------------------|
| (a) Stitch | <input type="checkbox"/> | (b) Prick | <input type="checkbox"/> |
| (c) Steel | <input type="checkbox"/> | (d) Thread | <input type="checkbox"/> |

2. Vegetable : Chop :: Body : ?

- | | | | |
|----------|--------------------------|--------------|--------------------------|
| (a) Cut | <input type="checkbox"/> | (b) Amputate | <input type="checkbox"/> |
| (c) Peel | <input type="checkbox"/> | (d) Prune | <input type="checkbox"/> |

3. Walking : Running :: Smiling : ?

- | | | | |
|-------------|--------------------------|--------------|--------------------------|
| (a) Feeling | <input type="checkbox"/> | (b) Laughing | <input type="checkbox"/> |
| (c) Face | <input type="checkbox"/> | (d) Weeping | <input type="checkbox"/> |

4. Mountain : Valley :: Genius : ?

- | | | | |
|-----------|--------------------------|------------------|--------------------------|
| (a) Brain | <input type="checkbox"/> | (b) Idiot | <input type="checkbox"/> |
| (c) Think | <input type="checkbox"/> | (d) Intelligence | <input type="checkbox"/> |

5. Eye : Wink :: Heart : ?

- | | | | |
|----------|--------------------------|------------|--------------------------|
| (a) Move | <input type="checkbox"/> | (b) Throb | <input type="checkbox"/> |
| (c) Pump | <input type="checkbox"/> | (d) Quiver | <input type="checkbox"/> |

6. Ink : Pen :: Blood : ?

- | | | | |
|--------------|--------------------------|------------|--------------------------|
| (a) Donation | <input type="checkbox"/> | (b) Vein | <input type="checkbox"/> |
| (c) Accident | <input type="checkbox"/> | (d) Doctor | <input type="checkbox"/> |



7. Oceans : Deserts :: Waves : ?

- | | | | |
|----------------|--------------------------|-------------|--------------------------|
| (a) Sea | <input type="checkbox"/> | (b) Dust | <input type="checkbox"/> |
| (c) Sand dunes | <input type="checkbox"/> | (d) Ripples | <input type="checkbox"/> |

8. Harp : Drum :: Flute : ?

- | | | | |
|---------------|--------------------------|-----------|--------------------------|
| (a) Violin | <input type="checkbox"/> | (b) Bugle | <input type="checkbox"/> |
| (c) Harmonium | <input type="checkbox"/> | (d) Piano | <input type="checkbox"/> |

9. Cub : Lion :: Colt : ?

- | | | | |
|-------------|--------------------------|--------------|--------------------------|
| (a) Dog | <input type="checkbox"/> | (b) Stag | <input type="checkbox"/> |
| (c) Leopard | <input type="checkbox"/> | (d) Stallion | <input type="checkbox"/> |

10. Illiteracy : Education :: Flood : ?

- | | | | |
|----------|--------------------------|------------|--------------------------|
| (a) Rain | <input type="checkbox"/> | (b) Bridge | <input type="checkbox"/> |
| (c) Dam | <input type="checkbox"/> | (d) River | <input type="checkbox"/> |

11. **Chef** is related to **Restaurant** in the same way as **Druggist** is related to ?

- | | | | |
|--------------|--------------------------|--------------|--------------------------|
| (a) Medicine | <input type="checkbox"/> | (b) Pharmacy | <input type="checkbox"/> |
| (c) Store | <input type="checkbox"/> | (d) Chemist | <input type="checkbox"/> |

12. **Flower** is related to **Essence** in the same way as **Oven** is related to ?

- | | | | |
|------------|--------------------------|-----------|--------------------------|
| (a) Vapour | <input type="checkbox"/> | (b) Fire | <input type="checkbox"/> |
| (c) Heat | <input type="checkbox"/> | (d) Steam | <input type="checkbox"/> |

13. Wax is related to **Grease** in the same way as **Milk** is related to ?

- | | | | |
|-----------|--------------------------|-------------|--------------------------|
| (a) Drink | <input type="checkbox"/> | (b) Ghee | <input type="checkbox"/> |
| (c) Curd | <input type="checkbox"/> | (d) Protein | <input type="checkbox"/> |

14. **Rhythm** is related to **Music** in the same way as **Design** is related to ?

- | | | | |
|--------------|--------------------------|---------------|--------------------------|
| (a) Symmetry | <input type="checkbox"/> | (b) Architect | <input type="checkbox"/> |
| (c) Beauty | <input type="checkbox"/> | (d) Building | <input type="checkbox"/> |

15. **Engineer** is related to **Machine** in the same way as **Doctor** is related to ?

- | | | | |
|--------------|--------------------------|--------------|--------------------------|
| (a) Hospital | <input type="checkbox"/> | (b) Body | <input type="checkbox"/> |
| (c) Disease | <input type="checkbox"/> | (d) Medicine | <input type="checkbox"/> |



NAME _____ Class _____

Analysis

WORKSHEET-8**Skill**

Analyzing and selecting the most appropriate vocabulary.

DIRECTIONS: Choose the best word out of the two given in each question below:

1. Sammi didn't have time to finish the whole exam, so some of her answers were incomplete/deficient.

2. My father's new car is really rapid/fast.

3. The weather forecast wasn't very accurate/truthful, because they said it would rain and it's been fine all day.

4. The noticeable dearth of goal-scoring opportunities means that these are annoying/worrying times indeed for Manchester United.

5. My little brother is so greedy/eager. He's just finished his fourth banana!

6. We gave a donation to the charity, partly because the children on their poster looked so precious/vulnerable.

7. When we got married my husband promised that he would always be dependable/faithful to me.



8. I like the new cushions of your sofa, they're lovely/lovable.

9. I believe if you want something in life badly enough you should be powerful/persistent and never give up until you've reached your goal.

10. This isn't the finished version of my essay. I always write a rough/clean draft first.

11. Some critics haven't enjoyed Spielberg's later films, such as the terminal and AI, finding them a little too sentimental/extreme.

12. James proposed to Maria at Gina's party on Saturday. He got down on one knee and everything! It certainly made for a spectacular/memorable evening.

13. When I told my boss that I needed two weeks off to visit my sick grandmother in Mexico, she wasn't very sympathetic/acceptable. Probably because she knows I don't have any relatives in Mexico.

14. Jenna doesn't like her curly/floppy hair, but she's too lazy to straighten it.



NAME _____ Class _____

Evaluation

WORKSHEET-9**Skill**

Deciding the correct response for a given statement.

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

1. The young one of a fox is called cub.
2. Weapons, arms and ammunition are kept in an arsenal.
3. Pigs live in a den.
4. Young one of a hare is a colt.
5. Ships are made in a dockyard.
6. Dispensary is a place where visitors from outstations stay.
7. Bricks are made in a mill.
8. A club is a place of various types of recreations and amusements
like dancing, music, playing, etc.
9. Grapes are stored in an orchard, whereas fruit trees are stored in a vineyard.
10. Wrestling is done in an arena, whereas Boxing is done in a ring.
11. Lunatics are kept in an asylum.
12. A person who changes his party or principles easily is called betrayor.
13. The musical instrument shown in the picture A is Clarion.
14. The musical instrument shown in the picture B is Cymbals.



15. The picture C shows a cricket ball.
16. The picture shown in D is called a golf stick.
17. The characteristic cry of the animal shown in E is called neigh.
18. The young one of the animal shown in picture F is called cygnet.



A



B



C



D



E



F

19. A canvas bag to hold bedding etc. is known as a skybag.
20. An examination made after the death is known as postmortem.
21. An examination made after the death of somebody is known as diagnosis.
22. Germicide is a substance having power to destroy germs.
23. Extempore is a speech made with proper preparation.
24. A government of the people, by the people, for the people is called monarchy.
25. An illiterate is one who can neither read nor write.
26. Tachometer is an instrument used to measure atmospheric pressure.

Space for writing the correct statement(s) for false statement(s)



NAME _____ Class _____

Evaluation

WORKSHEET-10**Skill**

Interpreting the correct name for a given group of words

DIRECTIONS : In each of these questions, five items are related to each other and thus form a group. Find the one that does not belong to this group. Write in the box provided against each group.

1. Metre, Furlong, Yard, Mile, Acre.

2. Book, Paper, Pencil, Pen, Sharpener.

3. Giraffe, Hyena, Deer, Rhinoceros, Zebra.

4. Turtle, Lamb, Colt, Bitch, Farrow.

5. Tricycle, Trident, Trifle, Tricolour, Trilogy.

6. Flood, Hurricane, Avalanche, Earthquake, Explosion.

7. Hangar, Platform, Dock, Park, Bus stand.

8. Tomato, Carrot, Ginger, Potato, Turmeric.

9. Trunk, Tree, Fruit, Leaf, Flower.

10. Beaker, Glass, Mug, Saucer, Cup.

11. Blue, Pink, Colour, White, Grey.



12. Table, Chair, Bed, Rug, Sofa.

13. Doctor, Nurse, Veteron, Surgeon, Teacher.

14. Cup, Spoon, Knife, Teaspoon, Fork.

15. Office, University, School, College, Kindergarten.

16. Cow, Chicken, Lamp, Fish, Mutton.

17. Socks, Sandals, Slippers, Frock, Shoes

18. Belt, Nailpaint, Earrings, Glue, Bangles.

19. Mouse, Keyboard, Pen, Monitor, CPU.

20. Purse, Bag, Backpack, Wallet, Umbrella.

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NAME _____ Class _____







Creation

WORKSHEET-11

Skill


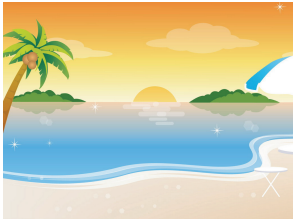


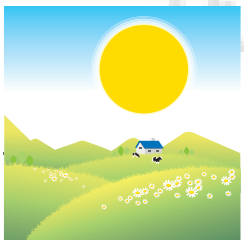



Composing sentences from homographs and homophones.

I. DIRECTIONS: Homographs are the words with same spelling and sound but different meanings. Some of the homographs are given below. Identify them and write their spellings in the blanks given. Then create sentences for each homograph.

(i)			→	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
(ii)			→	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
(iii)			→	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>



II. DIRECTIONS: Homophones are the words with same sound but different spellings and meanings. Some of the homophones are given below, identify them and write their names/spellings in the blank given and then create sentences to bring out their correct usage.

(iv)			→	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
(v)			→	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
(vi)			→	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
(vii)			→	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>





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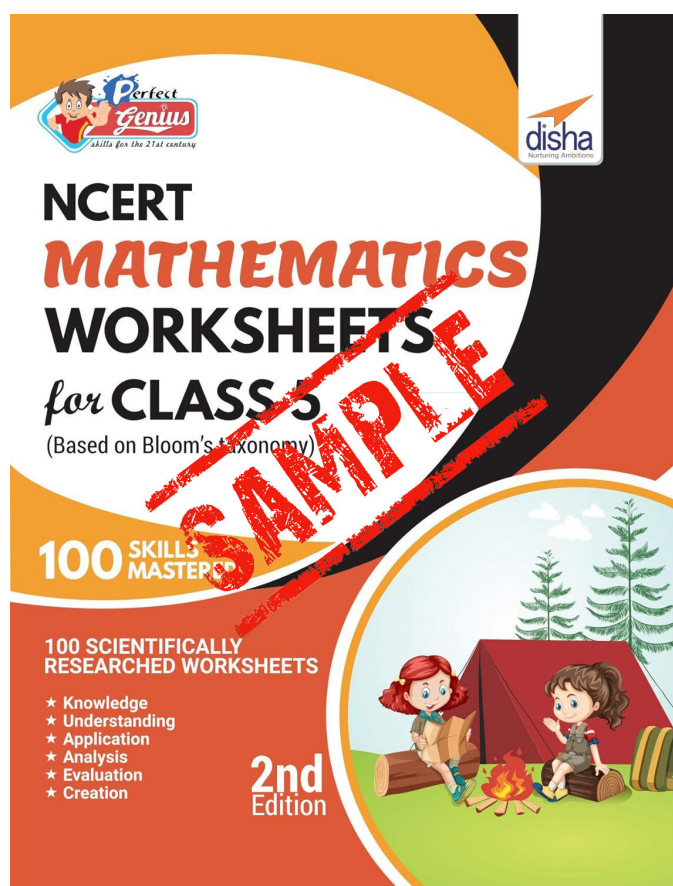
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Free Sample Contents

S. No.	Chapter	Page No.
1.	Play with Numbers	3-16

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1

CHAPTER

PLAY WITH NUMBERS

W.S. No.	Learning Stage	Skill	Page No.
1	Knowledge	Revising the facts related to place value and roman numbers.	3-4
2	Knowledge	Ability to write number names, roman numbers and their successor and predecessor.	5-6
3	Comprehension	Understanding numbers through spike abacus.	7-8
4	Application	Solving problems based on different types of numbers.	9-10
5	Analysis	Analyzing the facts related to numbers and organizing numbers in order.	11-12
6	Evaluation	Choosing the correct answer to solve the number based problems.	13-14
7	Creation	Placing the word or digit on the crossword puzzle with the help of clues.	15-16







NAME _____ Class _____

Knowledge

WORKSHEET-1

Skill Revising the facts related to place value and roman numbers.

I. **DIRECTIONS:** Given below are two columns—column I and column II. Match the encircled digit with their place value. Write the correct answer in the given blank grid.

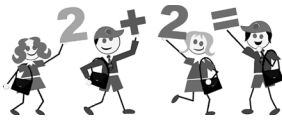
Column I (Numbers)

Column II (Place value)

- A. ⑤ 9, 34, 695 (i) 40,000
- B. ①, 73, 49, 340 (ii) 5,00,000
- C. 4, ① 5, 34, 456 (iii) 1,00,00,000
- D. 7, 37, ④ 4, 179 (iv) 10,00,000
- E. 18, 4 ⑤, 63, 550 (v) 50,00,000
- F. 3, ④ 7, 891 (vi) 30
- G. 2, 3 ⑤, 013 (vii) 80,00,000
- H. ⑧ 2, 31, 461 (viii) 5,000
- I. 4, 36, 1 ③ 0 (ix) 10,000
- J. 12, ① 2, 322 (x) 40,000

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





II. DIRECTIONS: Read the following statements and write 'true' or 'false' in the blank box accordingly.



Face value of a number is the number itself.

Priya

Symbols V, L and D can be used only once at a time.



Vansh



Successor of a number is greater than the number by 1.

Vikas

Symbol C can be added to or subtracted from V and X only.



Anusha



Thirteen lakh, seven thousand and five is 13,07,005.

Astha

The face value of 6 in 46,79,823 is 6,000.



Jaya



Predecessor of a number is smaller than the number by 1.

Amit





NAME _____ Class _____

Knowledge

WORKSHEET-2

Skill Ability to write number names, roman numbers and their successor and predecessor.

I. DIRECTIONS: Write the number names of the following numbers.

(i) 05, 73, 490 _____

(ii) 07, 39, 046 _____

(iii) 08, 06, 007 _____

(iv) 10, 99, 995 _____

II. DIRECTIONS: Write the numbers for the following number names.

(i) Six lakh, twenty-nine thousand, four hundred and thirty-five.

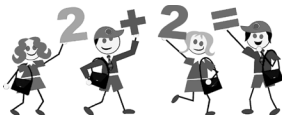
(ii) Forty four lakh, seven thousand and five.

(iii) Two lakh, eighty seven thousand, nine hundred and ninety-one.

(iv) Ninety-nine thousand, nine hundred and fifty one.

(v) Nineteen lakh twelve thousand five hundred forty-two.





III. DIRECTIONS: Write the next 3 Roman numerical for each of the following.

- | | | | |
|------------|----------------------|----------------------|----------------------|
| (i) CII | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| (ii) CCIX | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| (iii) XVII | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| (iv) LV | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| (v) CXI | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| (vi) XXVI | <input type="text"/> | <input type="text"/> | <input type="text"/> |

IV. DIRECTIONS: Write the predecessors and successors of the following numbers.

- (i) 34,559
Predecessor _____ ; Successor _____
- (ii) 4,05,001
Predecessor _____ ; Successor _____
- (iii) 99,999
Predecessor _____ ; Successor _____
- (iv) 78,753
Predecessor _____ ; Successor _____
- (v) 2,45,007
Predecessor _____ ; Successor _____





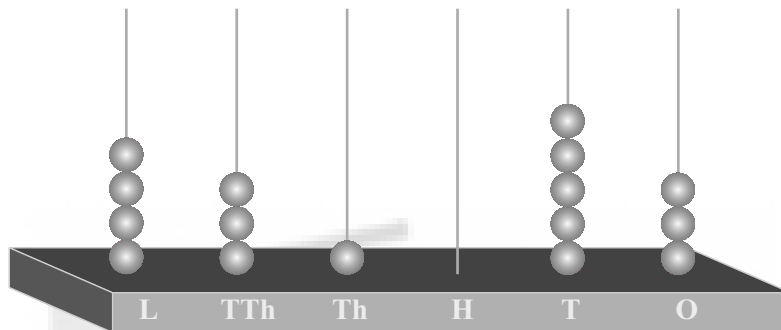
NAME _____ Class _____

Comprehension

WORKSHEET-3

Skill Understanding numbers through spike abacus.

I. DIRECTIONS: Look at the spike abacus given below and answer the following questions.



(i) Write the number represented by above abacus.

(ii) Write this number in words.

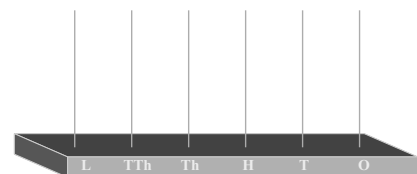
(iii) Write the predecessor and successor of this number.

Predecessor → _____ ; Successor → _____

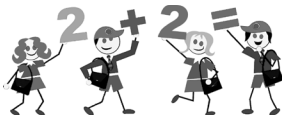
(iv) Find the difference between the place value and face value of 5 in the above number.

(v) Does the above number smaller or larger than 100000 ?

(vi) Represent the number 2,60,819 on spike abacus.







II. DIRECTIONS: Read the table given below which shows the list of languages and the number of people speaking each.

Hindi	33,72,72,114
Bengali	6,95,85,738
Sanskrit	49,736
Tamil	5,30,06,368
Assamese	1,30,79,696
Kannada	3,27,53,676

Answer the following questions using the information given in the table.

(i) Which language is spoken by the largest number of people?

(ii) Which language is spoken by the least number of people?

(iii) What is the place value of 9 in the number of people who speak Bengali?

(iv) What is the place value of 5 in the number of people who speak Tamil?

(v) What is the place value of 5 in the number of people who speak Kannada?

(vi) Write the above given numbers in ascending order.

(vii) Write the difference between the place value of 1 and 2 in the number of people who speak Assamese and Kannada respectively.





NAME _____ Class _____

Application

WORKSHEET-4

Skill

Solving problems based on different types of numbers.

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

(i) The successor of 4,57,289 is one more than the number is

- | | | | |
|--------------|--------------------------|--------------|--------------------------|
| (a) 4,57,289 | <input type="checkbox"/> | (b) 4,57,290 | <input type="checkbox"/> |
| (c) 4,57,291 | <input type="checkbox"/> | (d) 4,57,288 | <input type="checkbox"/> |

(ii) Which of the following series is in correct ascending order?

- | | | | | | | |
|------------|--------|----------|----------|----------|-----------|--------------------------|
| (a) 17,951 | 45,695 | 2,79,815 | 33,470 | 2,89,716 | 19,30,526 | <input type="checkbox"/> |
| (b) 33,470 | 17,951 | 45,695 | 2,79,815 | 2,89,716 | 19,30,526 | <input type="checkbox"/> |
| (c) 17,951 | 33,470 | 45,695 | 2,89,716 | 2,79,815 | 19,30,526 | <input type="checkbox"/> |
| (d) 17,951 | 33,470 | 45,695 | 2,79,815 | 2,89,716 | 19,30,526 | <input type="checkbox"/> |

(iii) Which of the following series is in correct descending order ?

- | | | | | | |
|--------------|----------|----------|----------|----------|--------------------------|
| (a) 8,08,200 | 8,80,200 | 8,02,080 | 8,20,800 | 8,08,002 | <input type="checkbox"/> |
| (b) 8,02,080 | 8,08,200 | 8,80,200 | 8,20,800 | 8,08,022 | <input type="checkbox"/> |
| (c) 8,80,200 | 8,20,800 | 8,08,002 | 8,02,200 | 8,02,080 | <input type="checkbox"/> |
| (d) 8,80,200 | 8,20,800 | 8,08,200 | 8,08,002 | 8,02,080 | <input type="checkbox"/> |

(iv) XXIX _____ XXVIII

- | | | | |
|-------|--------------------------|-------------------|--------------------------|
| (a) > | <input type="checkbox"/> | (b) < | <input type="checkbox"/> |
| (c) = | <input type="checkbox"/> | (d) None of these | <input type="checkbox"/> |

(v) The successor of XVIII is

- | | | | |
|---------|--------------------------|-------------|--------------------------|
| (a) XIX | <input type="checkbox"/> | (b) XVIIIII | <input type="checkbox"/> |
| (c) XXX | <input type="checkbox"/> | (d) XVIII | <input type="checkbox"/> |

(vi) In which year did India become independent ?

- | | | | |
|---------------|--------------------------|--------------|--------------------------|
| (a) MCMXVII | <input type="checkbox"/> | (b) MCMXLVII | <input type="checkbox"/> |
| (c) MCMXXLVII | <input type="checkbox"/> | (d) MXLVII | <input type="checkbox"/> |





(vii) $(M - C)$ is equal to

(a) 800

(b) 900

(c) 700

(d) 600

(viii) $(XV - V)$ is equal to

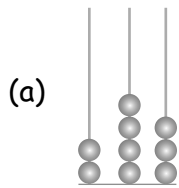
(a) X

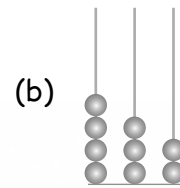
(b) V

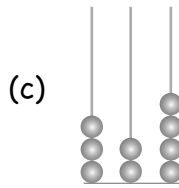
(c) XV

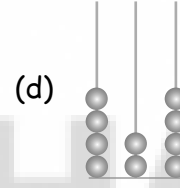
(d) VX

(ix) In which of the following abacus, the place value of 4 is 40 ?









(x) On reversing the digits of the number 700, 348 and 196, we get new number as

(a) 691,348,700

(b) 691,843,007

(c) 700,196,348

(d) 700,196,348





NAME _____ Class _____

Analysis

WORKSHEET-5

Skill

Analyzing the facts related to numbers and organizing numbers in order.

I. DIRECTIONS: In each of the following statement a part of statement is underlined. You have to replace this underlined part with a correct word or term in the blank box.

(i) The largest one digit number is 1.

(ii) The largest one digit number is 10.

(iii) The number system contains nine digits 0,1,2,3,4,5,6,7,8,9.

(iv) Successor of a particular numeral comes just before that numeral.

(v) Successor of a particular numeral comes just before that numeral.

(vi) 10 hundreds = one 100

(vii) The smallest three digit number is 999.

(viii) There is no zero in the Indian number system.

(ix) Number name for the numeral 420008 is four thousand twenty thousand eight.

(x) The successor of a number is obtained by subtracting 1 to that number.

(xi) In Indian system we count in ones, tens, hundreds, thousands, millions, billions, etc.

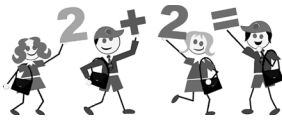
(xii) The face value of a digit depends upon the place of the digit in the number.

II. DIRECTIONS: Arrange the following groups of numbers in ascending order.

(i) 4,29,321; 79,008; 01,421; 9,08, 789; 1,23,450

(ii) 1,00,123; 1, 11,111; 1,01,200; 01,457; 1,09,110





III. DIRECTIONS: Arrange the following groups of numbers in descending order.

(i) 4,75,233; 1,56,243; 90,427; 1,99,000; 3,02,001

(ii) 46,810; 75,203; 21,781; 81,095; 99,009

IV. DIRECTIONS: Do as directed.

(i) Circle the 2-digit number in the following grid that can be rounded to 70.

(ii) Mark triangle on the 3-digit numbers that can be rounded to 800.

(iii) Tick (\checkmark) the 4-digit numbers that can be rounded to 1000.

241	360	480	2589	65	67
19	16	32	180	849	803
700	670	124	9356	69	
126	1803	799	8976	825	1000
9999	6292	874	9102	71	
	420	1001	12	68	
797	811	204	789		





NAME _____ Class _____

Evaluation

WORKSHEET-6

Skill

Choosing the correct answer to solve the number based problems.

DIRECTIONS: Read the questions given below and tick (✓) the correct answer from four options.

(i) LXXIX = (a) 81 (b) 79 (c) 71 (d) 59

(ii) XCIII = (a) 93 (b) 103 (c) 97 (d) 113

(iii) CLI = (a) 101 (b) 121 (c) 111 (d) 151

(iv) LXVII = (a) 72 (b) 97 (c) 76 (d) 67

(v) CCVI = (a) 126 (b) 266 (c) 216 (d) 206

(vi) XLV = (a) 65 (b) 45 (c) 95 (d) 25

(vii) Statement A : In Roman numerals a letter can be used more than three times continuously.

Statement B : A bar or a line on roman number increases its value by 1000 times.

(a) Both are true. (b) Both are false.

(c) Only A is true. (d) Only B is true.

(viii) The year 2015 will be written as:

(a) MMXV (b) MMMV

(c) MMIX (d) MMXX

(ix) Which of the following is meaningless?

(a) $\overline{\text{XIII}}$ (b) XIX

(c) XVV (d) XL

(x) Which of the following is true or false?

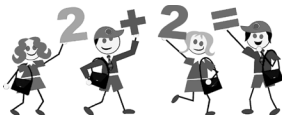
(A) $\text{XXVIII} > 20 + 8$ (B) $30 + 4 = \text{XXXVI}$

(C) $\text{XXVI} = 20 + 6$ (D) $30 + 8 < \text{XXXIX}$

(a) TFFT (b) FFTT

(c) TFFF (d) TTTT





(xi) Estimate to the nearest hundred: 496 plus 318.

- (a) 814 (b) 800
(c) 178 (d) 700

(xii) Which of the following is correct?

- (a) Successor of predecessor of 1000 is 1001
(b) Successor of predecessor of 1000 is 1002
(c) Predecessor of successor of 1000 is 1000
(d) Predecessor of predecessor of 1000 is 999

(xiii) Ten thousands + ten ones + ten tens equals :

- (a) 10110 (b) 11010
(c) 10011 (d) 101010

(xiv) In the given number 890436, if you write 0 in place of 4, by how much the resulting number be less than this given number?

- (a) 40 (b) 400
(c) 436 (d) 36

(xv) In number 97580, when the digits 7 and 5 as interchanged its place, then the difference between the original and the new number is

- (a) 1800 (b) 1080
(c) 1008 (d) 1000





NAME _____ Class _____

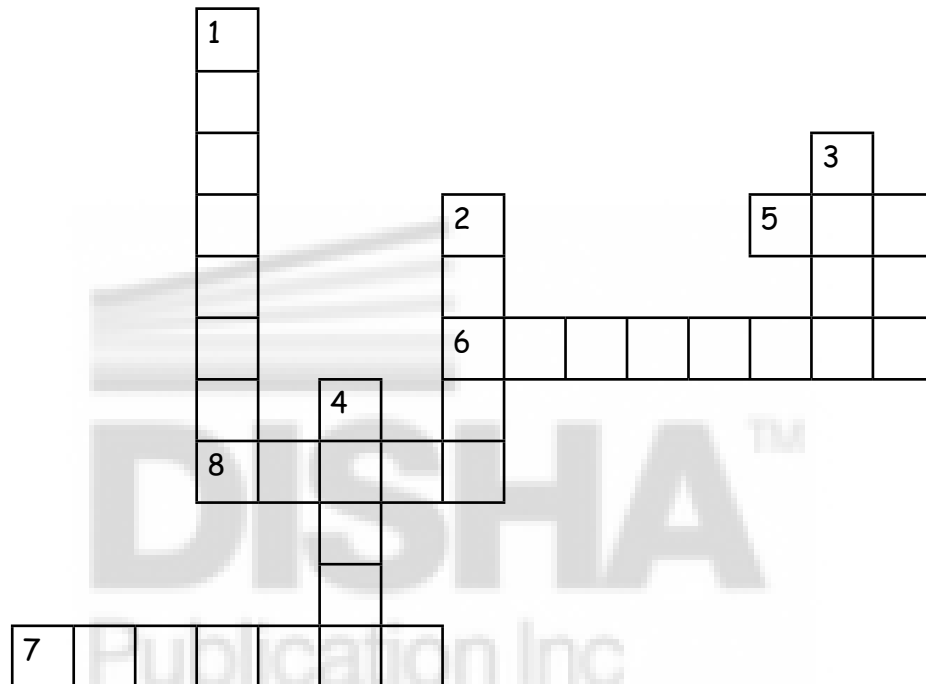
Creation

WORKSHEET-7

Skill

Placing the word or digit on the crossword puzzle with the help of clues.

I. DIRECTIONS: Fill up the puzzle by using the clues given under the heading 'Across' and 'Down'.



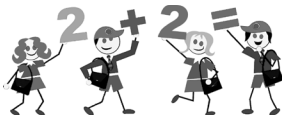
Across:

- The symbol for _____ is x.
- In roman numerals, repetition of I, X, C and M means _____.
- To round a number to the nearest _____, we round it to the multiple of hundred nearest to it.
- No roman numeral can come together more than _____ times.

Down:

- 100000 is the _____ 6 digit number.
- Roman numerals do not follow the _____ value system.
- There is no _____ in the roman system.
- 100 lakhs is read as 1 _____.





II. DIRECTIONS: Solve the problems given under the headings 'Across' and 'Down'. Fill the digits of your answer in crossword accordingly.

A			B		C		D	E
		F						
G								
H								

Across:

- A. The smallest two digits number is _____ .
- D. The largest two digit number is _____ .
- F. How much is 1,00,000 more than 23,38,901? _____ .
- G. Rearrange the digits 3,7,5,2,5,9,0,0,6 to form the biggest number possible.
- H. Give the next number in the pattern. 80,11,497 81,11,497 82,11,497 _____ .

Down:

- A. Give the difference between the face value and the place value of the digit 2 in the number 5,27,87,890 _____ .
- B. How much is 1,00,000 less than 64,45,121? _____ .
- C. Give the next number in the pattern 38 33 659, 38 43 659, 38 53 659 _____ .
- D. Successor of 9,03,026 is _____ .
- E. The standard form of ninety-one lakh twenty thousand four hundred twelve is _____ .





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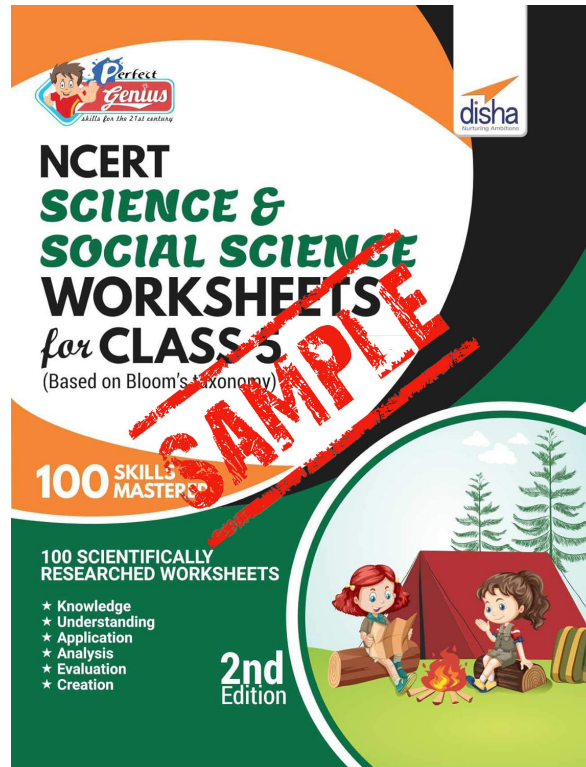
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PART I : SCIENCE

1

CHAPTER

PLANTS

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1	Knowledge	Matching and relating different parts of plants and their functions.	1-2
2	Comprehension	Demonstrating understanding of facts about plants.	3-4
3	Application	Completing the sentences with appropriate solutions.	5-6
4	Analysis	Recognising seed germination and parts of flower.	7-8
5	Evaluation	Examining various processes takes place in plants.	9-10
6	Creation	Justify the given situations.	11-12







NAME _____ Class _____

Knowledge

WORKSHEET-1

Skill

Matching and relating different parts of plants and their functions.

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.

1. **Column I**

Column II

- | | |
|--|---------------------|
| A. The process by which plants make food | (i) Respiration |
| B. The process of transfer of pollen from one flower to another | (ii) Photosynthesis |
| C. Scattering of seeds | (iii) Germination |
| D. The process of growth of a baby from a seed | (iv) Seed dispersal |
| E. The process by which living plants give out water vapour to their surrounding | (v) Pollination |

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

2. **Column I (Functions)**

Column II (Parts of Plant)

- | | |
|----------------------------|-------------|
| A. Makes food | (i) Root |
| B. Absorbs water and salts | (ii) Stem |
| C. Carries food | (iii) Leaf |
| D. Protects seeds | (iv) Flower |
| E. Produces fruit | (v) Fruit |

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





II. DIRECTIONS: Complete the following statements with an appropriate word / term to be filled in the blank space.

1. Plants take in air through tiny opening present in the _____ (leaves/ flowers).
2. Plants obtain energy from _____ (sunlight / water).
3. Plants stores excess food in the form of _____ (starch / carbon dioxide).
4. In sugarcane, food is stored in _____ (stems / roots).
5. The _____ part of the flower develops into a fruit. (male / female).

III. DIRECTIONS : Rewrite the following statements by correcting the underlined words only.

- (i) Chlorophyll is blue in colour.

- (ii) Carbon dioxide is released during the process of photosynthesis.

- (iii) Plants manufacture their food in roots.

- (iv) Mango store their food in seeds.

- (v) Plants and animals carry out the process of photosynthesis.





NAME _____ Class _____

Comprehension

WORKSHEET-2

Skill

Demonstrating understanding of facts about plants.

DIRECTIONS: Read the following questions and choose the option that best answer the questions.

1. A tree is protected by an outer covering called

- | | | | |
|------------|--------------------------|-----------|--------------------------|
| (a) Branch | <input type="checkbox"/> | (b) Trunk | <input type="checkbox"/> |
| (c) Crown | <input type="checkbox"/> | (d) Bark | <input type="checkbox"/> |

2. Which of the following plants grows completely under water?

- | | | | |
|--------------------|--------------------------|---------------|--------------------------|
| (a) Hydrilla | <input type="checkbox"/> | (b) Duckweed | <input type="checkbox"/> |
| (c) Water hyacinth | <input type="checkbox"/> | (d) Arrowhead | <input type="checkbox"/> |

3. Which of the following tubes carry water and mineral salt?

- | | | | |
|-----------|--------------------------|------------|--------------------------|
| (a) Roots | <input type="checkbox"/> | (b) Flower | <input type="checkbox"/> |
| (c) Stem | <input type="checkbox"/> | (d) Fruit | <input type="checkbox"/> |

4. Human bodies have blood vessels to carry blood to all parts of the body. In plants the _____ performs similar function by acting as a transport system.

- | | | | |
|------------|--------------------------|-----------|--------------------------|
| (a) Flower | <input type="checkbox"/> | (b) Fruit | <input type="checkbox"/> |
| (c) Tube | <input type="checkbox"/> | (d) Seed | <input type="checkbox"/> |

5. Which of the following plants does not have a woody stem?

- | | | | |
|-------------------|--------------------------|-----------------|--------------------------|
| (a) Rose | <input type="checkbox"/> | (b) Money plant | <input type="checkbox"/> |
| (c) Bougainvillea | <input type="checkbox"/> | (d) Hibiscus | <input type="checkbox"/> |

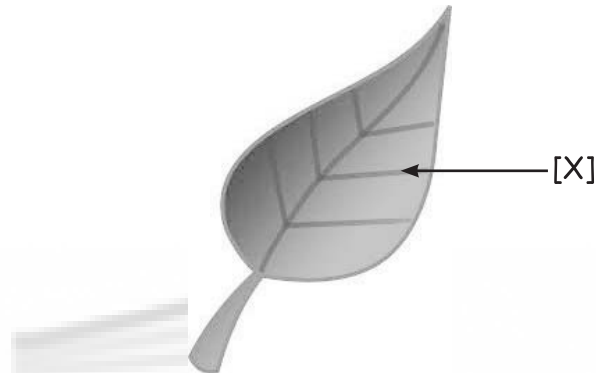




6. The _____ of the tree is similar to the skin of animals.

- | | | | |
|------------|--------------------------|-----------|--------------------------|
| (a) Flower | <input type="checkbox"/> | (b) Roots | <input type="checkbox"/> |
| (c) Stem | <input type="checkbox"/> | (d) Bark | <input type="checkbox"/> |

7. The given picture illustrates a leaf structure.



The label 'X' is

- | | | | |
|------------|--------------------------|-----------|--------------------------|
| (a) Blade | <input type="checkbox"/> | (b) Stalk | <input type="checkbox"/> |
| (c) Branch | <input type="checkbox"/> | (d) Vein | <input type="checkbox"/> |
8. The tiny opening on the underside of a leaf are called
- | | | | |
|-------------|--------------------------|------------|--------------------------|
| (a) Stomata | <input type="checkbox"/> | (b) Vein | <input type="checkbox"/> |
| (c) Pores | <input type="checkbox"/> | (d) Midrib | <input type="checkbox"/> |





NAME _____ Class _____

Application

WORKSHEET-3

Skill

Completing the sentences with appropriate solutions.

I. DIRECTIONS: Complete the table using appropriate word/term to be filled in blank spaces.

1	The reproductive organ of a plant.	_____
2	The male part of a flower that produces pollen.	_____
3	The female part of a flower that receives pollen.	_____
4	The part of a flower where seeds are formed.	_____
5	The part of the flower that becomes seed after fertilization.	_____
6	The part of a flower that protects the flower before it opens.	_____
7	The part of a flower that attract insects.	_____

II. DIRECTIONS: The functions of the various parts of the plant are given in the box. Complete the blanks using appropriate words given below.

Roots, Stem, Leaves, Branch.

(1) _____ Functions: 1. Supports branches and leaves. 2. Carries water to leaves and flowers.	(2) _____ Functions: 1. Take water from the soil. 2. Anchor the plant.
(3) _____ Functions: 1. Makes food for the plant. 2. Helps the plant to breathe.	(4) _____ Functions: 1. Spreads the leaves to catch light.





III. DIRECTIONS: In each of the following questions; there are two statements labelled as Assertion (A) and Reason (R).

Mark your answer as:

- (a) If both A and R are true and R is correct explanation of A.
- (b) If both A and R are true but R is not the correct explanation of A.
- (c) If A is true but R is false.
- (d) If A is false but R is true
- (e) If both A and R are false.

1. **Assertion (A):** Sprouting should not be done before consuming the grains.

Reason (R): Sprouting kills many vital vitamins.

2. **Assertion (A):** Leaves of plants are green.

Reason (R): Plants contain chromoplasts, the green pigment.

3. **Assertion (A):** Seeds should be treated with fungicide before being sown.

Reason (R): Seeds do not germinate, unless treated with fungicide solution.

4. **Assertion (A):** Photosynthesis takes place in all green plants.

Reason (R): Chlorophyll is essential for photosynthesis.

IV. DIRECTIONS: Complete the sentences with the correct word from the box given below.

Terrestrial plants, Non-green plants, Aquatic plants

- 1. _____ can survive in very hot climate and may shed most of their leaves in autumn.
- 2. _____ are light, spongy and float on the surface of the water.
- 3. _____ do not have chlorophyll.





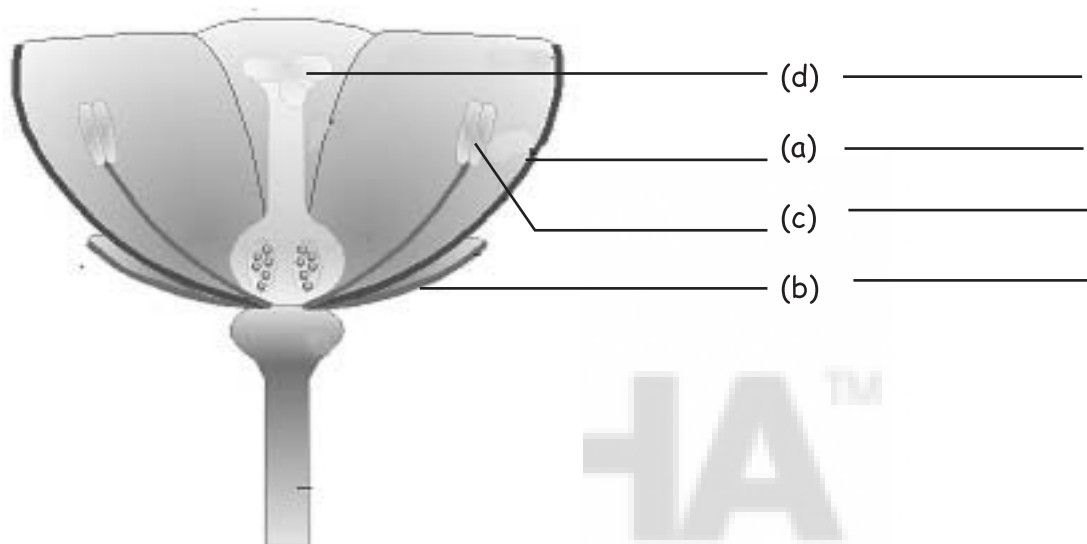
NAME _____ Class _____

Analysis

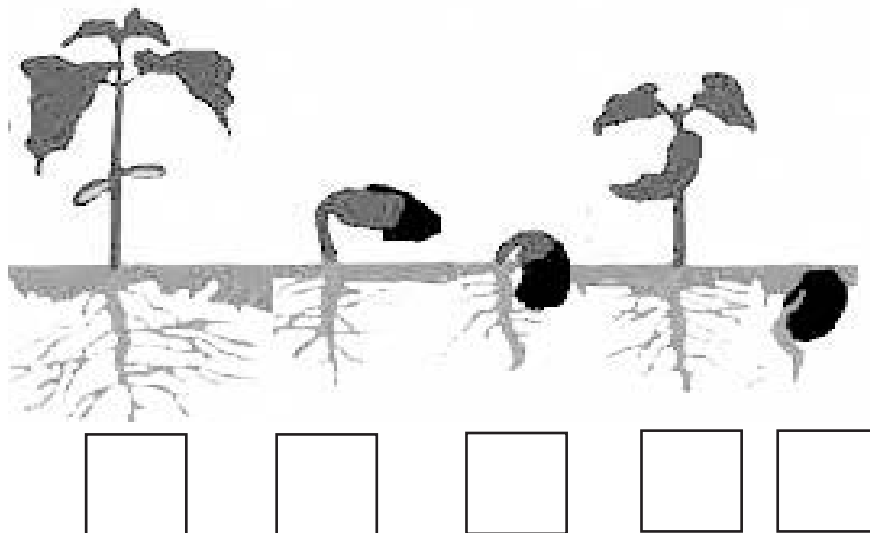
WORKSHEET-4

Skill Recognising seed germination and parts of flower.

- I. DIRECTIONS: The given figure illustrates the structure of a flower. Identify the parts of flower labelled.



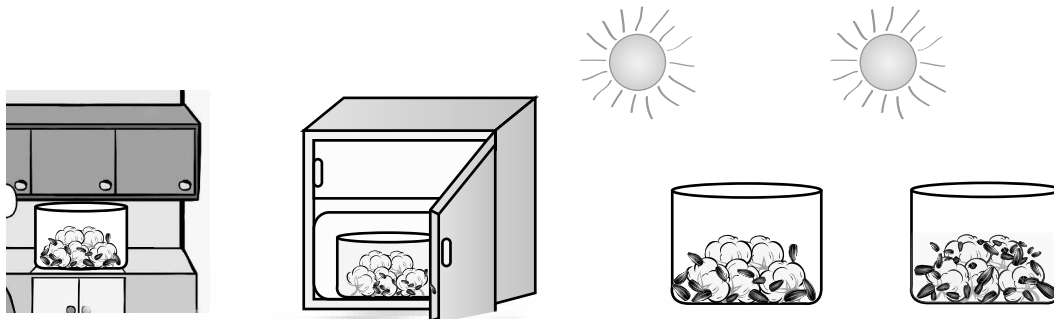
- II. DIRECTIONS: The different stages of the growth of a seed are shown in the picture. Help out Sanjana by numbering these pictures in the correct sequence in the boxes.





III. DIRECTIONS: Sanjana put some cotton in four dishes and kept bean seeds in each dish. Then she kept the dishes in four different condition as follows:

1. Dish I : Wet cotton, kept in a warm place such as kitchen.
- Dish II : Wet cotton, kept in a cold place such as refrigerator
- Dish III : No wet cotton, kept in a warm place.
- Dish IV : Enough water to cover the seeds, kept in a warm place.



Explain which seeds will start germinating and why?



2. Pollination is the process of transfer of pollen grains from the anther to the stigma.
 - (i) Name two insects that help in pollination?
 - (ii) How insect help pollination?

IV. DIRECTIONS: We eat different parts of plants. Complete the given table with the commonly eaten parts of the plants.

	Plants	Commonly eaten plant parts
1.	Carrot, Radish	
2.	Groundnut, Wheat	
3.	Tomato, Cucumber	
4.	Ginger, Potato	
5.	Cauliflower	





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Evaluation

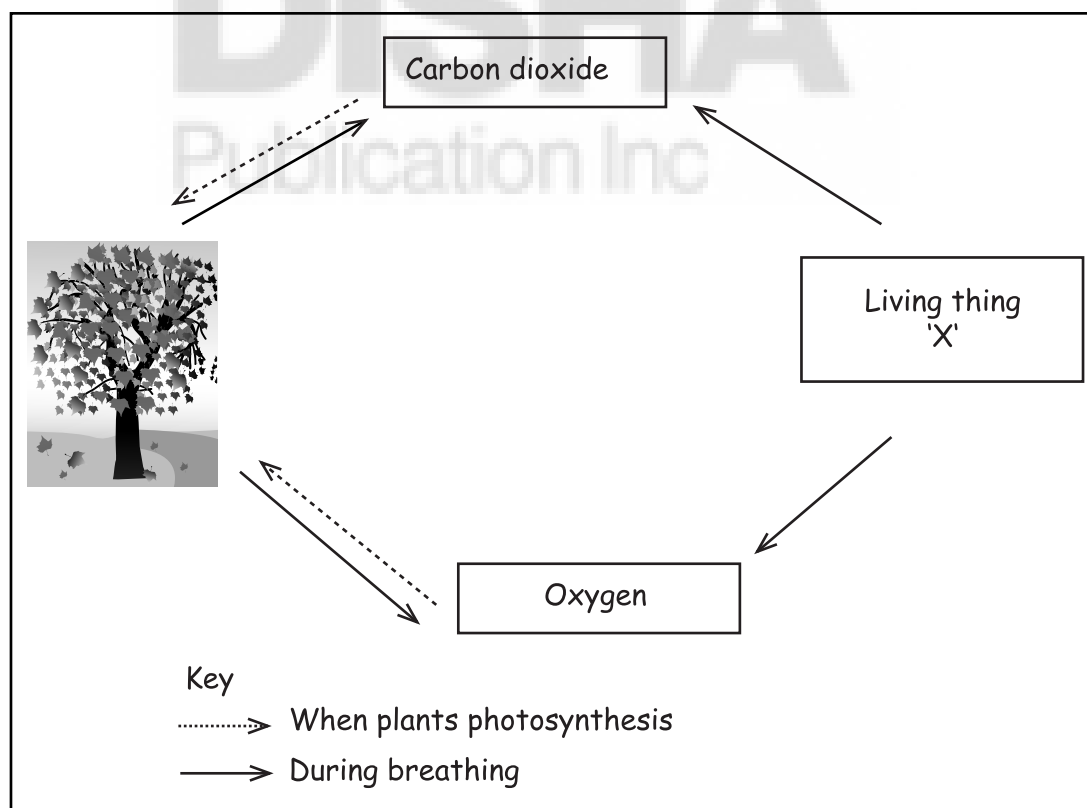
WORKSHEET-5

Skill

Examining various processes takes place in plants.

DIRECTIONS: Choose the correct option:

- Which of the following statements is incorrect?
 - Fruits are parts of plants' reproductive organs.
 - Flowers are used only for decoration.
 - Leaves carry out photosynthesis.
 - The stem contains tiny tubes to transport substances.
- Which part of the plant carries out the process of photosynthesis?
 - Colourful flowers.
 - Woody stem
 - Green leaves
 - Strong roots
- Study the given diagram. It shows the exchange of gases between two types of living things in the environment.





What does the living thing 'X' in the diagram represents?

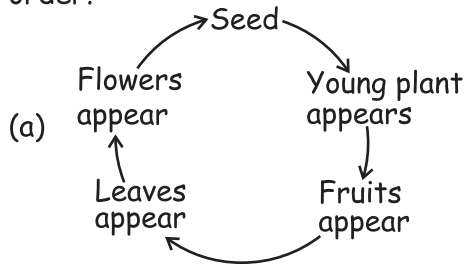
(a) Hibiscus plant

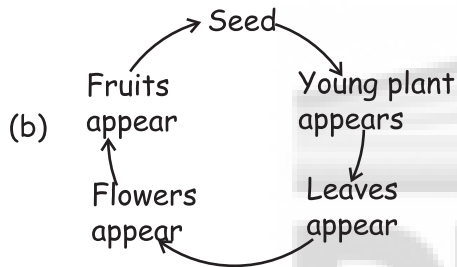
(b) Elephant

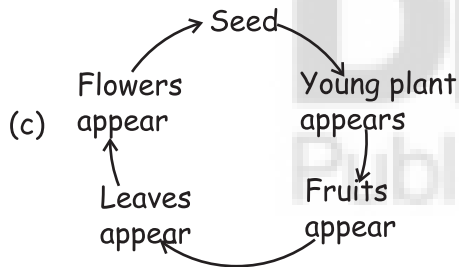
(c) Water hyacinth

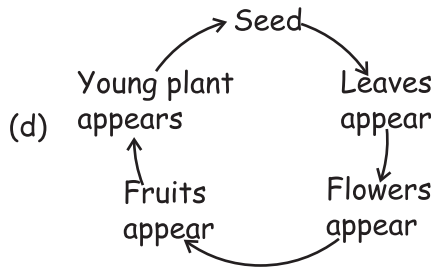
(d) Mango tree

4 Which of the following figures shows the stages of development of the bean plant in correct order?









5. Mohan and Sohan are identical twins. They look alike in many ways but they

(a) Have different hair colour

(b) Have different fingerprints

(c) They are different in years of age

(d) They do not have any of their parent's characteristics





NAME _____ Class _____

Creation

WORKSHEET-6

Skill Justify the given situations.

DIRECTIONS: Read the given situation and write a creative answer.

1. Sonia placed a non-woody stem plant into a flask containing red coloured water.



After few hours, she took the plant out of flask and cut the stem. What could she see? Give reason in support of your answer.

2. Sanjana carried out the following experiment. She took two equal sized plants in two different pot and named them as pot A and pot B. Then she added some fertilizers in Pot A but not in Pot B.

Which plant - pot A or pot B will grow better? Give a reason for your answer.





3. Meena conducted an experiment in which she took two similar pots with equal sized plants and labelled them as pot I and pot II. However she cut the roots of the plants in pot I. What do you think will happen to both plants. Give reason in support of your answer?

4. The practice of growing plants on a large scale for food or other purposes is called agriculture. Arrange the following stages of agriculture in the correct order.

I	Pesticides are sprayed.
II	Seeds are sown.
III	Crops are harvested.
IV	The field is ploughed.
V	The crops are watered.
VI	Manure is added to the soil.

