



ENGLISH

GRAMMAR WORK:

ESSAY: MORNING WALK:

Morning walk is one of my favorite sport. A morning walk is very useful for all of us. Some benefits of morning walk are:

- *It refreshes us.
- *It is really good for health.
- *It makes us smart.
- *The cool and fresh air makes us happy.
- *It is a good way to release tension too.
- *It also increases our life.

I enjoy morning walk very much.

Essay on: My Dad My Hero

My Dad is my real hero because he is the most special person in my life. He is an Engineer by profession. At weekends he loves to play with me. He tries his best to keep our family happy. He works hard to make money for our family. He loves me a lot & always tries to cheer me up whenever I am in a sad mood.

Story: A Thirsty Crow

Once there was a crow. It was very thirsty. It flew in search of water but found no water. At last, it saw a jug of water in the garden. It reached the jug but the water was very low. It could not drink it. It looked here and there and saw a few pebbles nearby. It thought of a plan. It put pebbles into the jug. The water rose up. It drank water and flew away.

Moral: Necessity is the mother of invention.

● 'Be' Verbs

A verb shows action or a state of being.

"Be" verbs indicate a state of being.

- I am a doctor.
- He is sleepy.
- We are here.

Negative sentences need 'not' after the verb.

- I am not a doctor.
- He is not sleepy.
- We are not there.

The verb comes first in interrogative sentences.

- Am I a doctor?
- Is he sleepy?
- Are we there?

The variations of "be" verbs:

Present	Negative	Interrogative
I am	I am not	Am I?
You are	You are not (aren't)	Are you?
He is	He is not (isn't)	Is he?
She is	She is not (isn't)	Is she?
It is	It is not (isn't)	Isn't it?
We are	We are not (aren't)	Are we?
You are	You are not (aren't)	Are you?
They are	They are not (aren't)	Are they?

• Countable vs. Uncountable

- ❖ A countable noun is one that you **can** count using cardinal numbers.
- ❖ An uncountable noun is one that you **can't** count using cardinal numbers.

Countable	Uncountable
<ul style="list-style-type: none"> • Books • Bottles • Steps 	<ul style="list-style-type: none"> • Sand • Dust • Water

• Pronouns

A pronoun is a word that replaces a noun in a sentence. There are several categories of pronouns.

Personal Pronouns	I / You / He, She, It / We / They
Possessive Pronouns	My / Mine / His / Her / Hers / Our / Ours / Their / Theirs
Demonstratives	This / That / These / Those
Relative Pronouns	Which / What / Whose
Reflexive Pronouns	Each other / One another

Grammar Topics:

- Use abstract nouns.
- Use simple verb tenses.
- Use possessive nouns correctly.
- Use correct subject-verb agreement.

LANGUAGE BOOK

UNIT#2 Volcanoes	PAGE NO.16-17-18 19-20-21
UNIT#3 Clever Polly	PAGE NO. 26-27 28-29
UNIT#5 Journey to Jo burg	PAGE NO. 42-43-44-45-(46-Q1)-47
UNIT#6 Along Journey	PAGE NO. 50-51-52 53-54 -55
PRACTICE BOOK	
UNIT#1	PAGE NO. 2- 3- 4-5-6-7
UNIT#2	PAGE NO. 10-11-12-13-14-15-16-17
UNIT#3	PAGE NO. 18-19-20-21-22-23-24
CHECK UP 1	PAGE NO. 34-35
UNIT#5	PAGE NO. 36-37-38-39-40-41
UNIT#6	PAGE NO. 44-45-46-47-48-49

Comprehension:

Q1: Why does the sun think it is stronger than the wind?

Ans: the sun thought that he was made of fire and burnt the things easily.

Q2: why does the wind think it is stronger than the sun?

Ans: The wind thought that he can blew the trees and made them fall over and blew the clouds and made them move.

Q3: what is the difference between an ordinary mountain and a volcano?

Ans: A mountain is formed due to various geological process like movement and opposition of tectonic plates but a volcano is formed around vent that allows magma to reach the surface of the earth.

Q4: what is the difference between an active volcano and a dormant volcano?

Ans: An active volcano is a volcano that had at least one eruption during the past 10,000 years. A dormant volcano is an active volcano that is not erupting.

Q5: What did the wolf eat the second time he was in polly's kitchen?

Ans: The wolf ate a slice of pie the first time.

Q6: What did the wolf eat the second time he was in polly's kitchen?

Ans: The wolf ate chocolate cake for the second time.

Q7: What did Harry have for his birthday meal?

Ans: Harry had vegetable soup as a starter. He had Lamb surprise and party potato Nests for his main course. He had pineapple pyramid with ice-cream for desserts.

Q8: What does it mean when it says "Drain the potatoes"?

Ans: It is the process of pouring off the excess liquid.

Q9: Why should you put the potatoes nests on an oiled baking tray?

Ans: It stops the baking sticking to the surface.

Q10: Why do you think the children sang as they walked along?

Ans: The road was quiet again and they were alone.

Q11: What sort of man do you think the lorry driver was?

Ans: He was so kind and helpful.

Q12: Why do you think Mum made a list?

Ans: she made a list to cross the things off the list when they put them in the suitcase.

Mathematics

Unit 1 large number

- ✓ 4 and 5 digit numbers: Page 4, Page 5.
- ✓ Thousands: Page 6, Page 7.
- ✓ Millions: Page 8, Page 9.
- ✓ Comparing and ordering: Page 10.
- ✓ Rounding and approximation: Page 12.

Unit 2 Number Patterns

- ✓ Counting: Page 14, Page 15,
- ✓ Counting in 10, 100s, and 1000s Page 16, Page 17.
- ✓ Sequences: Page 18, 19.
- ✓ Function machine: Page 20, Page 21.
- ✓ Patterns and relationships Page 22

Unit 3 Multiples and Factors

- ✓ Multiples: Page 24, Page 25.
- ✓ Lowest Common Multiple: Page 26, Page 27.
- ✓ Factors: Page 28, Page 29.
- ✓ Highest Common Factor: Page 30, Page 31 and Page 32.

Unit 4 Assess and review

- ✓ Large numbers: Page 34, 35,
- ✓ Number patterns: Page 36. Page 37 Q7,
- ✓ Multiples and factors Page 38, and Page 39.

Unit 5 Addition and subtraction

- ✓ Mental Addition: Page 40, Page 41.
- ✓ Mental Subtraction: Page 42, Page 43,
- ✓ Written addition Page 44, 45,
- ✓ Written subtraction Page 46.
- ✓ Addition and subtraction problems Page 48 and 49.

Unit 6 Addition and Subtraction

- ✓ Adding 6-Digit numbers: Page 50, 51
- ✓ Adding Millions Page 52, 53.
- ✓ Subtracting 6-Digit numbers: Page 54, 55
- ✓ Subtracting Millions: Page 56.

SCIENCE

Introduction to Science:

Lesson 1: How Science Works

Questions & Answers:

Q No. 1: What is science?

Ans : Science is a way of understanding the things. It is a knowledge obtained by careful observation, calculations and experiments.

Q No. 3: Name four branches of science.

- a. Biology
- b. Physics
- c. Chemistry
- d. Geology

Unit No. 1: Living Things

Lesson 1: Living and Non-Living Things

Questions & Answers:

Q1: Name three materials that were once alive but are not now alive.

Ans : Wood –bone - cotton

Q No. 4: List seven life process that a living thing shows.

- a) Growth b) Reproduction c) Senses d) Movement
e) Respiration f) Nutrition g) Excretion

Lesson 2 – The Characteristics of Life:

Questions & Answers:

Q2: List the seven characteristics of life?

Ans: Growth, reproduction, sensitivity, movement, feeding, respiration, excretion.

Q2: What is the purpose of:

a- Excretion	It is property in which organisms get rid of waste from their inside.
b- Respiration	It is the release of energy and gases

Q3: Give three reasons why an animal must be able to sense its surroundings?

Ans: To find food, choose a mate and to react to danger.

Lesson 3 – Nutrition:

Questions & Answers:

Q No. 1: Name a herbivore, a carnivore, an omnivore, a predator and a prey animal.

Ans :

a herbivore	camel
a carnivore	snake
an omnivore	bear
a predator	lion
a prey	horse

Q2: Why must human beings eat a mixture of different foods?

Ans: To stay healthy we should eat different nutrients

Lesson 4 – Respiration – how do plants and animals breathe?

Questions & Answers:

Q No. 1: What is respiration?

Ans : Respiration is a physiological process, which includes breathing and conversion of energy through metabolic process.

Q No. 2: How does a fish obtain the oxygen it needs?

Ans : Fish obtain oxygen through their gills

Lesson 5 – Movement and Growth:

Questions & Answers:

Q No. 1: Explain why legs have joints?

Ans : Joints in legs allow for flexibility and movement

Q No. 2: describe two ways in which animals can move without using legs.

Ans : • Slithering:
 • Swimming

Lesson 6 – Sensing and Responding:

Questions & Answers:

Q No. 1: With which part of its body does an octopus taste? How does it respond to the taste of food?

Ans: An octopus tastes with its tentacles and responds by using them to explore and capture food.

Q No. 2: Which parts of a plant respond to (a) light? (b) gravity?

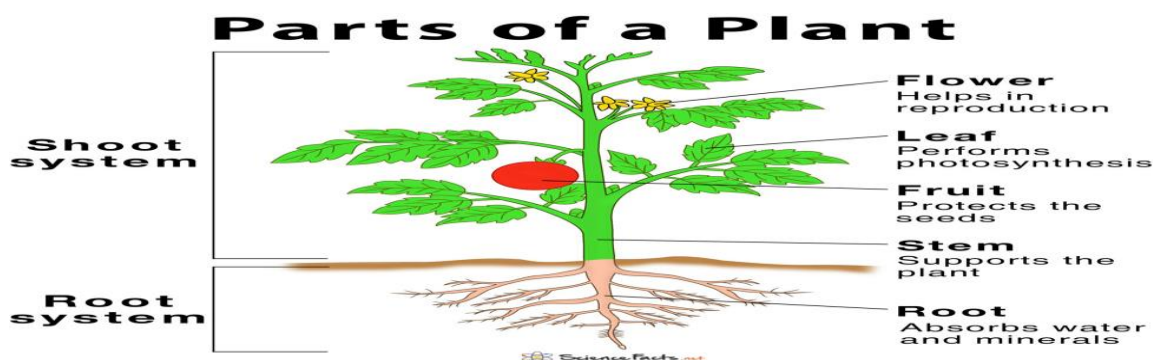
Ans. : (a) **Leaves and stems** respond to light.

 (b) **Roots** respond to gravity.

Lesson 7 – Plants Parts and Characteristics:

Questions & Answers:

Q No. 1: Draw a labelled diagram of a plant.



Q No. 2: List the four things needed for photosynthesis to take place.

Ans : Chlorophyll, sunlight, carbon dioxide, and water.

Q No. 3: What is meant by photosynthesis?

Ans : the process by which plants use sunlight, water, and carbon dioxide to create oxygen and energy in the form of sugar.

Workbook 4 pages: 4-5-6-8-9-10-11-13-14-19

COMPUTER

1 Know Your Computer

EXERCISE

- A.1. **ALU** Arithmetic Logical Unit 6. **LCD** Liquid Crystal Display
2. **VDU** Video Display Unit 7. **LED** Light Emitting Diode
3. **CU** Control Unit 8. **GB** Gigabyte
4. **RAM** Random Access Memory 9. **MU** Memory Unit
5. **ROM** Read Only Memory 10. **CD** Compact Disc
- 1. pointing 2. CPU 3. output 4. permanent 5. volatile 6. Speakers
○ 1. True 2. True 3. True 4. False

Worksheet 1:Unit 1: Know Your Computer

A. Choose the correct option.

1. The devices that give data or instructions to the computer are called _____ device.

a. Input

b. Processing

c. Output

2. A _____ is a computer screen that acts both as an input and output device.

a. Scanner

b. Touch screen

c. Joystick

3. The devices that display a result or information are called _____ device.

a. Input

b. Processing

c. Output

4. The _____ is the oldest type of the monitor.

a. CRT

b. LCD

c. LED

5. The printout from the printer is called _____.

a. Soft copy

b. Hard copy

c. Both a and b

6. CPU is the _____ of a computer.

a. Heart

b. Lungs

c. Brain

7. The _____ carries out all the mathematical and logical calculations.

a. MU

b. ALU

c. CU

8. The _____ is a volatile memory.

a. RAM

b. ROM

c. Both a and b

9. The _____ is a non-volatile memory.

a. ROM

b. RAM

c. None of these

10. CDs, flash drivers, and Blu-ray discs are the examples of _____ memory.

a. Primary

b. Secondary

c. Both a and b

B. Write the one-word answer to the following questions.

1. Which type of memory stores the data on a long-term basis?

Secondary

2. Write any one example of secondary memory.

DVD, CD, Flash Drive

3. Which type of memory stores the data temporarily?

RAM

4. Write the name of the memory on which data is not lost when the system is turned off.

ROM

5. How much data is stored in the DVD?

4.7 GB

6. How much data is stored in the Blu-Ray Disc?

25 GB

7. Which printer uses the typewriting printing mechanism where there is direct contact between the print head and paper?

Matrix

8. Which printer uses the matrix of a small pin that is moved around on the paper to form a pattern of dots depending on the type of image or text to be printed?

Dot Matrix

9. Which type of memory is a portable storage device and it is the size of a postage stamp?

Multimedia card

10. What is another name for the USB flash drive?

Thumb Drive

Chapter 2 Using Windows

- A. 1. Screen Saver 2. Files 3. Inactive window
4. File Manager 5. Personalization 6. Notepad
- B. 1. False 2. True 3. True 4. False 5. True
- C. 1. WINDOWS 2. FILE 3. FOLDER 4. NOTEPAD
5. CALCULATOR 6. DESKTOP

Worksheet -2 Unit 2: Using Windows

C. Choose the correct option.

1. Windows are most commonly used _____.

a. GUI

b. GIU

c. UIG

2. The background image that appears on the desktop is called _____.

a. Screen saver

b. Wallpaper

c. Windows explorer

3. The Desktop background option is available in _____ window.

a. Paint

b. Screen saver

c. Personalization

4. A _____ is the image that you see when the computer is left idle for some time.

a. Background

b. Screen Saver

c. Wallpaper

5. Windows explorer works as a _____ for the windows.

a. Manager

b. Assistant

c. Leader

d.

6. A _____ is a collection of related information.

a. Folder

b. File

c. Sub folder

7. WordPad is a rich _____ program.

a. Paint

b. Text

c. Bitmaps

8. Calculator, Paint, Notepad and WordPad are some of the _____ in Windows.

a. Files

b. Folders

c. Accessories

9. Pictures that are drawn or edited in Paint are called _____.

a. Pixels

b. Bitmaps

c. Both a and b

Write the one-word answer to the following questions.

1. How many names are there in a file?

Two

2. What is the first name of a file called?

Primary

3. What is the extension of the file called?

Secondary

4. Write another name of folder.

Directories