St. Mary's School, Dwarka
Holiday Homework
Class: VI
Subject: English

General Instructions:
1) The work should be done neatly and systematically.
2) The given questions are to be done in the English notebook.
3) Attempt all questions.

No. of questions: 10   M.M. 25

Worksheet 1

SECTION A- READING (5 marks)

Q1. Read the following passage.   **(1x5=5)**

Honeybees are among the most hardworking creatures on Earth. They live in well-organised groups called colonies. Each colony has three types of bees – the queen, the worker bees, and the drones. The queen bee lays eggs, the drones help in mating, and the worker bees do almost everything else – they gather nectar, take care of baby bees, clean the hive, and even guard it from danger.

A honeybee's journey starts as an egg. It takes about three weeks for a bee to grow fully. Worker bees live for around six weeks, but in that short time, they achieve a lot. They visit hundreds of flowers in a day, collecting nectar which they turn into honey. This process also helps in pollination, which is necessary for plants to grow fruits and seeds.

Honeybees talk to each other using a special dance language. When a bee finds flowers, it returns to the hive and performs a little dance to show the direction and distance of the flowers. This helps other bees find food easily.

But sadly, the number of honeybees is decreasing due to pollution, use of harmful chemicals on crops, and climate change. This is a big problem because bees are important for our environment and food supply. Without bees, many fruits and vegetables would not grow.

We must protect bees by planting flowers, avoiding harmful sprays in our gardens, and learning more about their importance. Helping bees means helping nature.

i. What roles do worker bees perform in a colony? **(1)**
 a) laying eggs and guarding the hive
 b) cleaning, collecting nectar, and guarding
 c) only building the hive
 d) only flying and resting

ii. Why is pollination important? **(1)**
 Write one sentence based on the passage.

iii. How do bees communicate with each other? **(1)**
 a) making loud buzzing sounds
 b) using colours
 c) dancing to show direction
 d) leaving scent trails

iv. What is the opposite of 'increasing' as used in the passage? **(1)**
 a) growing
 b) decreasing
 c) dancing
 d) cleaning

v. Find the word from the passage that means 'to protect from harm'. **(1)**
 a) guard
 b) collect
 c) pollinate
 d) supply

Q2. Describe a place you love to visit, such as a park, beach, or relative's house. Explain what it looks like, what you do there, how it makes you feel, and why it is special to you. Add a suitable title to your paragraph. (80–100 words) **(3)**

Q3. Fill in the blanks with the appropriate words to complete the passage. **(½x4=2)**

Yesterday, we went to the supermarket to buy (1) _____ groceries for the week. Mom asked me to pick up (2) _____ apples and bananas for the fruit basket. I also saw (3) _____ milk in a large container. There was (4) _____ excitement in the store because of a weekend sale.

   1. (a) a few   (b) many   (c) much   (d) any
   2. (a) some   (b) much   (c) little   (d) a
   3. (a) many   (b) a few   (c) some   (d) several
   4. (a) many   (b) a few   (c) much   (d) several

Q4. Fill in the blanks with the appropriate words to complete the passage. **(½x4=2)**

This morning, Riya (1) _____ finished her homework before breakfast. She (2) _____ checks her work twice to avoid mistakes. After that, she walked (3) _____ to school with her brother. They reached the gate (4) _____ before the bell rang. During class, Riya listened to the teacher's instructions.

1. (a) suddenly   (b) rarely   (c) already   (d) never
2. (a) usually   (b) loudly   (c) easily   (d) now
3. (a) quiet   (b) quickly   (c) quick   (d) seldom
4. (a) early   (b) softly   (c) soon   (d) badly

Q5. Read the given extract to attempt the questions that follow. **(½x 4=2)**

Everybody laughed; and indeed, she was a rather comical sight as she stood there shouting. Then the whole party rode away-all excepting one, and that was Mellidora.

i. How many people rode away from the scene? **(½)**
 a) everyone except Mellidora
 b) only Mellidora
 c) nobody
 d) half the group

ii. What is the best word to describe the mood of this scene? **(½)**
 a) tragic
 b) humorous
 c) romantic
 d) frightening

iii. What can we infer about Mellidora's character from this excerpt? **(½)**
 a) follows the crowd
 b) acts independently
 c) is afraid
 d) is angry

iv. The word "comical" in the passage means_____ **(½)**
 a) serious
 b) funny
 c) dangerous
 d) sad

Answer the following questions in 30-40 words.   **(2x3=6)**

Q6. What unusual advice did the aunt give the prince?

Q7. How does Uncle Bruno comfort Yannick?

Q8. What cheered the speaker on a dull snowy day?

Answer the following question in 40-60 words.

Q9. Who was the most famous Tendulkar during the year 1983? Why has the author referred to him?
                                                                                      (3)

Activity:

Q10.Create a **4-frame comic strip** on an A4 sheet showing a character performing a kind act, inspired by Mellidora. Your comic should show a situation where someone needs help.   **(2)**

- Add dialogues or captions in each frame to explain the story clearly.
- Colour your comic to make it more attractive.

A sample is given below for your reference.

<u>Subject: Hindi</u>

No. of questions: 10   M.M. 25

निर्देश — 1 दिए गए सभी प्रश्नों के उत्तर हिन्दी की उत्तर पुस्तिका में लिखिए।

   2 कार्य स्वच्छ, शुद्ध एवं स्पष्ट लेख में कीजिए।

प्रश्न 1 अपठित गद्यांश को पढ़कर निम्न प्रश्नों के उत्तर दीजिए—   (1×5=5)

झाँसी की रानी लक्ष्मीबाई को घुड़सवारी के साथ-साथ घोड़ों की भी अच्छी परख थी। एक बार घोड़ों का एक व्यापारी रानी के दरबार में आया। उसके पास एक जैसे दिखने वाले दो घोड़े थे। उसे विश्वास था कि रानी दोनों घोड़ों का एक दाम लगाएँगी, मगर रानी ने कुछ देर देखने के पश्चात एक घोड़े का दाम एक हज़ार रुपये और दूसरे घोड़े का दाम मात्र पचास रुपये लगाया। व्यापारी ने आश्चर्यचकित होकर रानी से पूछा "रानी जी, दोनों घोड़ों की शक्ल, रंग, कद-काठी में कोई फर्क नहीं है, फिर भी आपने दाम में इतना फर्क क्यों कर दिया?" रानी ने कहा, "जिस घोड़े का दाम मैंने एक हज़ार रुपये लगाया है, वह उत्तम कोटी का स्वस्थ घोड़ा है, और जिस घोड़े का दाम मैंने पचास रुपये लगाया है, वह किसी रोग का शिकार है और उसकी उम्र भी कम है।" रानी की सूझ-बूझ और बुद्धिमानी को देखकर व्यापारी बहुत प्रभावित हुआ।

(i) व्यापारी क्या लेकर दरबार में आया ?

(क) घोड़ा

(ख) दो घोड़े

(ग) संदूक

(घ) शस्त्र

(ii) रानी ने दूसरे घोड़े का क्या दाम लगाया?

(क) पच्चीस रुपये

(ख) पचास रुपये

(ग) सौ रुपये

(घ) एक हज़ार रुपये

(iii) पहले घोड़े में क्या ख़ास बात थी?

(क) निम्न कोटी का स्वस्थ घोड़ा

(ख) उच्च कोटी का अस्वस्थ घोड़ा

(ग) उत्तम कोटी का स्वस्थ घोड़ा

(घ) उत्तम घोड़ा

(iv) व्यापारी रानी से किस कारण प्रभावित था?

(v) झाँसी की रानी लक्ष्मीबाई को किस बात की परख थी?

निम्नलिखित प्रश्नों के उत्तर दीजिए— $(1×5=5)$

प्रश्न 2 'इन अंगूरों में बहुत <u>खटास</u> है।' इस वाक्य में में रेखांकित शब्द खटास संज्ञा का कौन-सा भेद है?

प्रश्न 3 14, 20, 22, 29 इन संख्याओं को शब्दों में लिखिए।

प्रश्न 4 दिवाली का त्योहार कौन-से महीने में आता है?

प्रश्न 5 'आसमान सिर पर उठाना' इस मुहावरे का अर्थ बताइए।

प्रश्न-6 (क) सर्वनाम के कितने भेद है? उनके नाम लिखिए।

प्रश्न-7 निम्नलिखित प्रश्नों के उत्तर दीजिए— $(1½×2=3)$

(क) 'पहली बूँद' कविता में किस मौसम की बात कर रहा है? आपको कौन-सा मौसम अधिक पसंद है? तर्क सहित उत्तर दीजिए।

(ख) ध्यानचंद ने किस ओलंपिक में भाग लिया तथा तब से उन्हें क्या कहा जाने लगा?

प्रश्न 8 निम्नलिखित प्रश्नों के उत्तर दीजिए— $(1×2=2)$

(क) राम लक्ष्मण किसके साथ वन गए और क्यों?

(ख) वन में राम ने किसका वध किया?

प्रश्न-9 अपने मित्र को अपने जन्मदिन पर आमंत्रित करते हुए पत्र लिखिए। $(5×1=5)$

प्रश्न-10 अवशिष्ट पदार्थों का प्रयोग करते हुए एक खिलौना बनाइए। $(5×1=5)$

<u>Subject: Sanskrit</u>

सामान्य निर्देश—

(1) प्रदत्त प्रश्नानाम् उत्तरम् संस्कृत पुस्तिकायाम् एव लिखत।

(दिए गए प्रश्नों के उत्तर संस्कृत की उत्तर पुस्तिका में लिखिए।)

(2) प्रश्नानाम् उत्तरम् पूर्णवाक्येन लिखित्वा रिक्तस्थानानि रेखांकित करणीय।

(सभी प्रश्नों के उत्तर पूर्णवाक्य में लिखकर रिक्त स्थानों को रेखांकित कीजिए।)

(3) कार्यम् स्वच्छं ,शुद्धं एवं स्पष्टं लेखम् एव लेखनीय।

(कार्य स्वच्छ ,शुद्ध एवं स्पष्ट लेख में कीजिए।)

प्रश्न 1 संस्कृत वर्णमालायाम् सर्वे स्वराः चित्र सहितं लिखत।

(संस्कृत वर्णमाला में सभी स्वर चित्र सहित लिखिए।)   (3)

प्रश्न 2 निम्नलिखित शब्दानाम् वर्ण वियोगं कुरूत।

(निम्नलिखित शब्दों का वर्ण वियोग कीजिए—)   (2)

कपोतः ....

कमलम् ....

देवेशः...........

पर्वताः ....

प्रश्न 3 संस्कृत भाषायाम् कति लिंगाः भवन्ति? तेषाम् नामानि लिखत।   (3)

(संस्कृत भाषा में कितने लिंग होते हैं? उनके नाम लिखिए।)

प्रश्न 4 निम्नलिखित शब्दानाम् अर्थ हिन्दी भाषायाम् लिखत।

(निम्नलिखित शब्दों के अर्थ हिन्दी भाषा में लिखिए।)   (2)

संस्कृत   हिन्दी

पिकः

हस्तः

घटः

सैनिकः

प्रश्न 5 निम्नलिखित रिक्त-स्थानानि पूरयत।   (2)

(निम्नलिखित रिक्त स्थान भरिए—)

(क) शब्द .... के मेल से बनते है।

(ख) संस्कृत वर्णमाला में .... स्वर होते हैं।

(ग) सर्पी शब्द में .... वचन हैं।

(घ) स्त्रीजातिबोधक शब्द .... कहलाते हैं।

प्रश्न 6 वर्णमालायाः कति भेदाः भवन्ति? तेषाम् नामानि लिखत।

(वर्णमाला के कितने भेद होते हैं? उनके नाम लिखिए।)   (2)

प्रश्न 7 केचन चतुर्णाम् पक्षीणाम् चित्रं रचयित्वा तेषाम् नामानि संस्कृते लिखत।

(किन्हीं चार पक्षियों के चित्र बनाकर उनके नाम संस्कृत में लिखिए।)   (2)

प्रश्न 8 केचन चतुर्णाम् पशूनाम् चित्रं रचयित्वा तेषाम् नामानि संस्कृते लिखत।

(किन्हीं चार पशुओं के चित्र बनाकर उनके नाम संस्कृत में लिखिए।)   (2)

प्रश्न 9 निम्नलिखित संख्यान् संस्कृत भाषायाम् लिखत।

(निम्नलिखित संख्याओं को संस्कृत भाषा में लिखिए।)   (2)

   9, 6, 1, 10

परियोजना कार्य

प्रश्न 10 1–10 तक की संख्याओं को बची हुई वस्तुओं से रचनात्मकता से दर्शाइए।   (5)

Subject: Mathematics

General Instructions:

- The work should be done neatly and in a systematic way.
- The given assignments are to be done in the math notebook.

No. of questions: 10   M.M. 25

Q1.   Choose the correct answer from the following: (2)
   (i)   What is the predecessor of 1 crore?
   a. 99999
   b. 100001
   c. 9999999
   d. 10001
 (ii)   How many whole numbers are there between 99 and 117?
   a. 17
   b. 18
   c. 19
   d. 20

Q2. Fill in the blanks: (2)
        (i) $(239 + 7251) + 4357 = 239 + (7251 +$ ____ $)$
        (ii)   The smallest prime number is _____
        (iii)   The smallest 4-digit number formed by using 2, 0 ,8, 5 (without repetition) is _____
        (iv)   Common factors of 4 and 16 are _____

Q3.   Write each of the following numbers in figures: (2)
        (a) Eighty-one million four hundred twelve thousand six hundred fifty.
        (b) Twenty million three hundred eighty thousand one hundred.
        (c) Fifty crore forty lakh sixty thousand nine.
        (d) Nineteen crore ninety lakh fourteen thousand six hundred eighty.

Q4. Simplify: $30 \div [5 + \{4 \times 5 \div 2\}]$ (2)

Q5. Write the missing digits in the following sums: (2)

(a)
```
    4  1 □  8  7
    1 □  4  3  2
 +  2  5  3 □  9
 ─────────────────
 □  4  6  0 □
```

(b)
```
    8 □  4  5 □
 -  6  7 □ □  8
 ─────────────────
 □  4  7  7  5
```

Q6. Check whether the following numbers are divisible by 8:   (2)
  a. 70169803
  b. 82901032

Q7. Find the prime factorization of :   (3)
          (i)   216 x 32
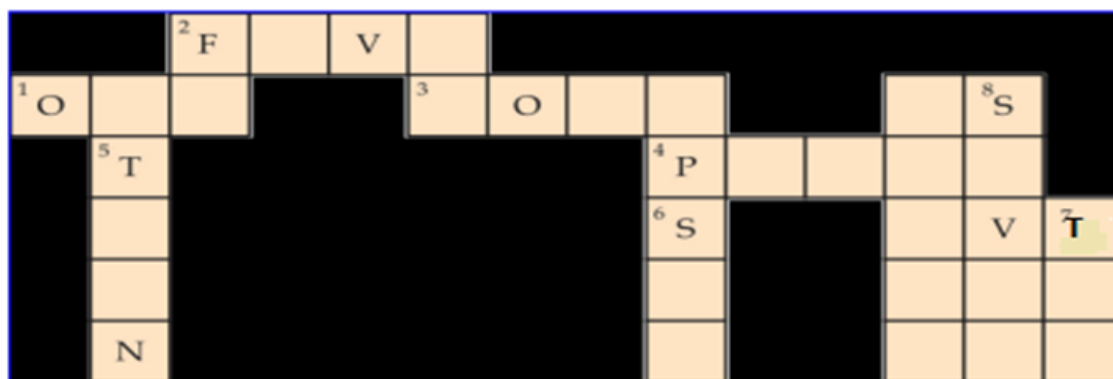   (ii)   225 x 51

Q8. Using prime factorization find if 3993 is divisible by 140 or not.   (3)

Q9. Find the LCM of 16, 28, 40, 77.   (3)

Activity:

Q10. Complete the puzzle: (4)

 Across:

1. Two natural numbers are coprime if their HCF is _____.

2. A number is divisible by _____ if its one's place digit is either 5 or 0.

3. LCM of 2 and 4 is _____

4. 1 is neither a _____ nor composite number.

Down:

5. 2 consecutive odd prime numbers are known as _____.

6. A number is divisible by _____ if the number is divisible by both 2 and 3.

7. _____ is the only even prime numbers.

8. HCF of 7 and 28 is _____.

Class 6 Worksheet 1

<u>Subject: Science</u>

General Instructions:
 * Neatly write the answers in your Science notebook.
 * Attempt the questions keeping in mind the weightage of each question.

No. of questions: 10   M.M. 25

 Q1. Mira's grandmother said that in her childhood, it took weeks for a letter to reach someone. Today,
    Mira sends messages instantly through a smartphone. What invention made this possible?   (1)
    (a) Electricity
    (b) Internet
    (c) Satellite
    (d) Clock

 Q2. Tanmay boiled water in a kettle and placed his hand near the spout. He felt warm steam. Which
     scientific skill is this based on?   (1)
     (a) Experimentation
     (b) Observation
     (c) Communication
     (d) Classification

**For question Q3, two statements are given- one labelled as Assertion (A) and other labelled as
Reason (R). Select the correct answer to these questions from the codes (a), (b), (c) and (d) as given
below.**
        (a) Both A and R are true, and R is correct explanation of assertion.
        (b) Both A and R are true, but R is not a correct explanation of assertion.
        (c) A is true, but R is false.
        (d) A is false, but R is true.

 Q3. **Assertion (A):** Asking questions and being curious are the first steps in Science.   (1)
      Reason (R): Curiosity leads us to observe, explore, and experiment.

 Q4. During the COVID-19 pandemic, doctors used masks, sanitizers, and thermometers.   (2)
     Mention two ways in which Science helped us during the pandemic.

 Q5. If Science had never developed the wheel, how would transportation and our daily life be different
     today? Give any two points.   (2)

 Q6. Sneha says, "Science is only useful in the laboratory." Do you agree or disagree? Give three
     examples from everyday life to support your answer.   (3)

Q7. Manya's brother fell ill. The doctor checked the patient, wrote a prescription, and suggested a blood test. (3)
(a) Mention two scientific tools used in this situation.
(b) How does Science help in diagnosing diseases?
(c) What could happen if no scientific methods were used to treat illnesses?

Q8. Your teacher gives you a magnifying glass and asks you to observe different surfaces: leaves, skin, and paper. (3)
(a) What differences might you observe?
(b) Why is observation a key part of scientific learning?
(c) How does using tools improve our senses?

Q9. Aarav was enjoying an ice cream on a hot summer afternoon. He left it on the table for a few minutes and found it had melted. Curious, he asked his mother why the ice cream changed from solid to liquid. She said, "It's because of heat." Aarav wanted to learn more. He placed two bowls—one with ice cream and one with butter—under sunlight and recorded the time each took to melt.
(a) What change took place in the state of ice cream? 1
(b) What caused this change? 1
(c) What did Aarav do that shows a scientific approach? 1
(d) Suggest one way to prevent ice cream from melting quickly. 1

Q10. **Activity** (5)
Go around your house and list any five scientific tools or inventions you use daily. Write what they do and how life would be without them.

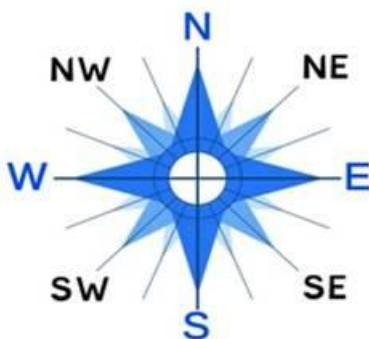| Tool/Invention	Use in Daily Life	What if it didn't exist?

Subject: Social Science

General Instructions:

- The work should be done neatly and in a systematic way.
- The given Worksheets are to be done in the History notebook.
- All the Activities are to be done on a single Scrap File
- Mention the number of Worksheets while doing the work.
- Write all the questions along with the answers.

No. of questions: 10   M.M. 25

Q1. What do you understand by diversity?   (1)
Q2. Define a magnetic compass?   (1)
Q3. Name any two Indian scripts along with the languages they are commonly used for.   (2)
Q4. What are maps, and in what ways are they useful?   (2)
Q5. What are inscriptions and where are they usually found**?**   (2)
Q6. 'India is considered a diverse country'. Explain.   (2)
Q7. Observe the given diagram and answer the questions that follow: (2)

(i) How many intermediate directions are shown in the diagram? List them.
(ii) What are the main directions referred to as?
Q8. Explain the three types of maps with examples of each.   (3)
Q9. Who coined the phrase "Unity in Diversity"? Discuss how the concept of Unity in Diversity is
reflected in Indian literature.   (5)
Q10. Explain the various Sources of Information about the past with the help of a flowchart.   (5)

Activity: Observe the given picture carefully and answer the following questions.

(i)   Identify the given picture.
(ii)   Who discovered this Neolithic site, and in which year was it found?
(iii)   What types of houses have been discovered at this site?
(iv)   Which crops were grown here by the early humans?
(v)   Name the two animals were domesticated by early humans at this site?

Subject: Computer Science

General Instructions:
1) The work should be done neatly and systematically.
2) The given questions should be completed in the Computer Science notebook.

No. of Questions: 10   **M.M: 25**

Q1. Fill in the blanks.   **(1x5=5)**
   a) An algorithm is a set of steps in a _____ manner to solve a problem or to complete a task.
   b) Computer algorithms can predict future events based on _____ patterns.
   c) Flowcharts are used in analysing,_____, documenting or _____ a process or program in various fields.
   d) _____ shows the direction in which the process flow.

Q2. Write two rules to draw a flowchart.   (2)

Write an algorithm for the following:

Q3. To calculate the area of a square   (2)

Q4. To find the largest of the two numbers X and Y(2)

Draw a flowchart for the following:

Q5. To find the product of three numbers.   (2)

Q6. To find out whether a person is eligible to cast a vote or not.   (2)

Define the following:

Q7. Algorithm.   (2)

Q8. Mindmap.   (2)

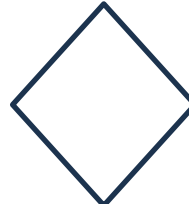Q9. Flowchart   (2)

Q10. Identify the flowchart symbol given below: (4)

a)   b)

c)   d)

<u>Activity</u>

Note:

- ❖ Open the MS Word document and list all the practical questions.
- ❖ Capture a screenshot (snip) of the MakeCode Arcade programming workspace along with the game simulator.
- ❖ Paste the screenshot below each corresponding practical question.
- ❖ Save the document as a PDF file.
- ❖ Upload the PDF under the **ASSIGNMENT** section in Microsoft Teams.

Practical 1. To calculate the area of rectangle where length=15 cm and breadth=13 cm.

Practical 2. To find that sum of two numbers.