

# Springfield Public School

## Worksheet-1

Class: V  
Subject: English  
Topic: Tenses  
Student's name: \_\_\_\_\_

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### 1. Match the sentences to the tenses.

- | 1) Column A  | Column B               |
|--|------------------------|
| 1. We go to school every day.                          | a ) present continuous |
| 2. We are doing a grammar exercise.                    | b ) simple present     |
| 3. We went to the market yesterday.                    | c ) simple future      |
| 4. We were reading a story in the second period today. | d ) simple past        |
| 5. We will go out for dinner tomorrow.                 | e ) past continuous    |

### 2. Tick the sentences that are correct.

- 1)
  - a. The girl whistled as she rode her bicycle.
  - b. The girl was whistling as she rode her bicycle.
- 2)
  - a. Last year I goes to Kerala.
  - b. Last year I went to Kerala.
- 3)
  - a. I will write my composition while the teacher was correcting books.
  - b. I was writing my composition while the teacher was correcting books.
- 4)
  - a. I went to Mumbai next month.
  - b. I will go to Mumbai next month.
- 5)
  - a. My friends and I visit the library once a month.
  - b. My friends and I are visiting the library once a month.

### 3. Choose the sentences that are in the present perfect tense.

1. Salim has travelled to many countries.
2. The men have repaired the car.
3. Mini was playing with the kitten when I reached home.
4. Brian and his men have just finished weeding the garden.
5. I have a new school bag.
6. The policemen were running behind the thief when he slipped and fell.

# Springfield Public School

## Worksheet-2

Class: V  
Subject: English  
Topic: Tenses  
Student's name: \_\_\_\_\_

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### 1. Complete these sentences using the verbs given in brackets in the past perfect tense.

- 1) The children \_\_\_\_\_ never \_\_\_\_\_ so many candies before. (eat)
- 2) The doctor took off the plaster that he \_\_\_\_\_ on my arm two weeks ago. (put)
- 3) She \_\_\_\_\_ not \_\_\_\_\_ a horse before today. (ride)
- 4) The play \_\_\_\_\_ just \_\_\_\_\_ when we arrived. (finish)
- 5) Mani \_\_\_\_\_ already \_\_\_\_\_ dinner by the time we reached his home. (prepare)

### 2. Choose the sentences where the verb is in the past perfect tense.

- 1)
  - a. I knew I had met her before, although I couldn't recall her name.
  - b. I knew I had meet her before, although I couldn't recall her name.
  - c. I knew I has met her before, although I couldn't recall her name.
- 2)
  - a. Saira has swum in only one competition since last year and needed practice before competing again.
  - b. Saira had swum in only one competition since last year and needed practice before competing again.
  - c. Saira had swam in only one competition since last year and needed practice before competing again.
- 3)
  - a. We had did our work by the time the bell rang.
  - b. We had done our work by the time the bell rang.
  - c. We has done our work by the time the bell rang.
- 4)
  - a. I had just gave her the ice candy when she dropped it.
  - b. I had just gives her the ice candy when she dropped it.
  - c. I had just given her the ice candy when she dropped it.
- 5)
  - a. Pele has not seen such tall buildings before he came to the city.
  - b. Pele had not saw such tall buildings before he came to the city.
  - c. Pele had not seen such tall buildings before he came to the city.

# Springfield Public School

## Worksheet-3

Class: V  
Subject: English  
Topic: Tenses  
Student's name: \_\_\_\_\_

**1. Fill in the blanks with the correct form of the verb as directed in the given blanks.**

1. I \_\_\_\_\_ confirmation of the news. (**receive**) (*Present Perfect Tense*)
2. My mother \_\_\_\_\_ the table. (**lay**) (*Present Perfect Tense*)
3. She \_\_\_\_\_ a novel on humanity. (**write**) (*Past Perfect Tense*)
4. \_\_\_\_\_ you \_\_\_\_\_ about that company before? (**hear**) (*Past Perfect Tense*)
5. I \_\_\_\_\_ a new bicycle. (**buy**) (*Present Perfect Tense*)

**2. Read Carefully.**

**Mr. Kapoor did these things yesterday morning.**

7.30 He brought milk.

9.30 He watered the plants

8.00 He made tea.

10.00 He played cricket

8.15 He read newspaper.

12.00 He wrote letters.

8.45 He fed his cat.

11.00 He went to the market.

**Begin with *when* and combine the sentences using the *past perfect form* as shown below.**

**When he had brought milk, he made tea.**

When he had made tea, he... \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Springfield Public School

### Worksheet

Class: 5th

Subject: SSt

Student's name: \_\_\_\_\_

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*Answer the questions in detail.*

- 1) How did revolutionaries change the course of nationalism?
- 2) What kind of social evils were present in the Indian society during the nineteenth century?
- 3) Why was the Khilafat Movement launched?
- 4) What did the Civil Disobedience Movement signify?
- 5) Why was the Quit India Movement launched?
- 6) What was the aim behind the partition of Bengal?
- 7) Describe the Rowlatt's Act introduced by the British in India in your own words.
- 8) Describe the role of Subhas Chandra Bose in the Indian freedom struggle.

*Choose the correct option.*

- 1) Who formed the Azad Hind Fauj?
  - Subhas Chandra Bose
  - Mahatma Gandhi

- Jawaharlal Nehru

- Sardar Vallabhbhai Patel

2) What did the Indian National Congress do in response to the Jallianwala Bagh massacre?

- Launched the Khilafat Movement

- Launched the Quit India Movement

- Launched the Non-Cooperation Movement

- Launched the Satyagraha in Punjab

3) Who founded the Indian National Congress?

- A.O. Hume

- Bipin Chandra Pal

- Bhagat Singh

- Lala Lajpat Rai

4) When did Mahatma Gandhi return to India?

- 1910

- 1913

- 1915

- 1917

5) Which of the following did the revolutionaries do?

- Participated in the British government

- Requested the British for better policies
- Formed the Indian National Congress
- Killed British officials

6) Which of the following did not create discontent among the masses against the British?

- Growth of food crops
- Growth of cash crops
- Introduction of machine-made goods
- Annexation of territories

7) Raja Ram Mohan Roy established the \_\_\_\_\_.

- Arya Samaj
- Brahmo Samaj
- Indian National Congress
- Mohan Samaj

8) Who gave the line, 'Freedom is my birthright, and I shall have it'?

- Tilak
- Mahatma Gandhi
- Lala Lajpat Rai
- Raj Guru

9) Where did Mahatma Gandhi first use his policy of non-violence?

- South America
- South Sudan
- South Africa
- South Asia

10) Who announced the partition of Bengal?

- Lord Canning
- Mahatma Gandhi
- Lord Curzon
- A.O. Hume

11) Who did Mahatma Gandhi help in Champaran?

- Indigo farmers
- Wheat farmers
- Coconut farmers
- Rice farmers

***Fill in the blanks.***

- 1) Brahma Samaj was established by \_\_\_\_\_.
- 2) The two groups within the Congress were \_\_\_\_\_ and radicals.
- 3) The Rowlatt's Act was also known as \_\_\_\_\_.
- 4) The Indian National Congress was formed in the year \_\_\_\_\_.

- 5) Mahatma Gandhi returned to India in \_\_\_\_\_.
- 6) Dayanand Saraswati founded the \_\_\_\_\_.
- 7) Non-Cooperation Movement was started by \_\_\_\_\_.
- 8) Mahatma Gandhi believed in the principle of \_\_\_\_\_.
- 9) Mahatma Gandhi is called the \_\_\_\_\_ of the nation.
- 10) In 1905, Lord \_\_\_\_\_ announced the partition of Bengal.

***Write True or False.***

- 1) The swadeshi movement was launched by the Indian National congress.
- 2) The main objective of the partition of Bengal was to divide the Hindus and Muslims.
- 3) The Quit India Movement was launched in 1942.
- 4) The Civil Disobedience Movement started with the Dandi March.
- 5) The Indian National Army was led by Jawahar Lal Nehru.
- 6) The first president of independent India was Mahatma Gandhi.
- 7) Radicals believed in peaceful negotiations.
- 8) The First World War broke out in 1938.



9) The INA was also called Azad Hind Fauj.

10) Bhagat Singh was a prominent moderate.

***Answer in brief.***

1) Where did Gandhiji live before coming back to India?

2) Name two social evils which existed in the Indian society.

3) What policies did Mahatma Gandhi believe in?

4) Who was the first president of the Indian National Congress?

5) What were Swami Vivekanand's contributions in the upliftment of Indian society?

## Springfield Public School

### Worksheet

Class: 5th

Subject: SSt

Student's name: \_\_\_\_\_

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#### *Fill in the blanks.*

- 1) The revolt of 1857 started as a \_\_\_\_\_ of sepoys.
- 2) Aung San Suu Kyi is a political leader of \_\_\_\_\_.
- 3) The immediate cause of the revolt was the introduction of \_\_\_\_\_ in the army.
- 4) The rifles used prior to the revolt were called \_\_\_\_\_.
- 5) Mother Teresa established \_\_\_\_\_ in 1950.
- 6) The revolt ended the rule of \_\_\_\_\_ in India.
- 7) \_\_\_\_\_ was popularly known as Gurudev.

#### *Write True or False.*

- 1) Gitanjali was written by Mother Teresa.
- 2) The orphanage started by Mother Teresa was called Golden Heart.
- 3) The Battle of Buxar was fought in 1764.

- 4) Lord Mountbatten was the first viceroy appointed in India.
- 5) Aung San Suu Kyi received the Nobel Prize for peace.
- 6) The cartridges used in Enfield rifles were greased with plant fat.
- 7) The Revolt of 1817 was called the First War of Independence.
- 8) Bahadur Shah Zafar was the last Mughal emperor.

***Answer in brief.***

- 1) Where did the Revolt of 1857 break out?
- 2) What did Martin Luther King Jr. fight against?
- 3) Name two Indians who have won a Nobel Prize.
- 4) Among whom was the Battle of Buxar fought?

***Answer the questions in detail.***

- 1) Discuss the life and achievements of Mother Teresa.
- 2) Even though the Revolt of 1857 did not succeed, it holds special importance as the First War of Independence. Explain.
- 3) What was the outcome of the Revolt of 1857?
- 4) What is apartheid?

***Choose the correct option.***

1) Which of the following fought the Battle of Plassey?

- Sirajud-Daulah
- Nawab of Oudh
- Mangal Pandey
- Bahadur Shah Zafar

2) Which Nobel Prize was awarded to Har Gobind Khorana?

- Nobel Prize for Economics
- Nobel Prize for Physiology
- Nobel Prize for Chemistry
- Nobel Prize for Peace

3) Which Nobel Prize was awarded to Amartya Sen?

- Nobel Prize for Economics
- Nobel Prize for Physiology
- Nobel Prize for Chemistry
- Nobel Prize for Peace

4) Which Nobel Prize was awarded to Rabindranath Tagore?

- Nobel Prize for Literature
- Nobel Prize for Peace
- Nobel Prize for Physics
- Nobel Prize for Economics

5) Which of the following was a leader of the Revolt of 1857?

- Tantia Tope
- Nana Saheb
- Begum Hazrat Mahal
- All of these

6) After which of the following did the British become more powerful?

- Battle of Plassey
- Battle of Buxar
- Battle of Oudh
- Battle of Bengal

# Springfield Public School

## Worksheet

Class: 5th

Subject: SSt

Student's name: \_\_\_\_\_

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### *Fill in the blanks.*

- 1) Penicillin was discovered by \_\_\_\_\_.
- 2) \_\_\_\_\_ was popularly known as Gurudev.
- 3) Modern day paper was invented by \_\_\_\_\_.
- 4) The form of writing that used wedge-shaped symbols was known as \_\_\_\_\_.
- 5) \_\_\_\_\_ is a combination of healthy diet, herbs, and breathing exercises.
- 6) \_\_\_\_\_ is used by the doctors to listen to the sounds of internal organs of the body.
- 7) The clinical thermometer was invented by \_\_\_\_\_.
- 8) In the earliest time, paper was obtained from \_\_\_\_\_.
- 9) \_\_\_\_\_ is a script in which the letters of the alphabet and the numbers are printed as raised dots and are read by touching them.

10) Mother Teresa established \_\_\_\_\_ in 1950.

***Write True or False.***

- 1) The orphanage started by Mother Teresa was called Golden Heart.
- 2) Rabindranath Tagore received the Nobel Prize for Medicine in 1950.
- 3) Pasteurisation was developed by Louis Pasteur.
- 4) Aung San Suu Kyi received the Nobel Prize for peace.
- 5) Gitanjali was written by Mother Teresa.
- 6) Penicillin was discovered in 1992.
- 7) Number zero (0) was invented by Louise Braille.
- 8) Number system was developed by Arabs.
- 9) The Romans developed the art of picture-based writing.
- 10) Wedge-shaped symbols were invented by Egyptians.

***Answer in brief.***

- 1) Name two Indians who have won a Nobel Prize.
- 2) What is cuneiform?
- 3) Name two diseases for which vaccination has been developed.

- 4) What is the use of antibiotics?
- 5) Who developed hieroglyphics?
- 6) How did Tsai Lun invented the paper?
- 7) What is communication?
- 8) What did Martin Luther King Jr. fight against?

***Answer the questions in detail.***

- 1) Why was the need for printing felt?
- 2) What is apartheid?
- 3) What is pasteurisation?
- 4) What is a clinical thermometer?
- 5) Explain the origin and evolution of numbers in steps.

***Choose the correct option.***

- 1) Who developed cuneiform?

- Sumerians
- Egyptians
- Arabs
- Greeks



2) Why did the need for writing arise?

- Due to the lack of communication
- Due to communication through symbols
- Due to the need to record information
- Due to the use of signs to communicate

3) What is an X-ray used for?

- Take images of bones and internal body organs
- Take images of our internal organs by using sound waves
- Check the functioning of a person's heart
- Treat medical conditions

4) Who developed the earliest form of paper?

- Chinese
- Sumerians
- Egyptians
- Arabs

5) Any temperature higher or lower than \_\_\_\_\_ shows that a person is not well.

- 94.4°F
- 95.4°F
- 96.4°F
- 98.4°F

6) Which Nobel Prize was awarded to Amartya Sen?

- Nobel Prize for Economics
- Nobel Prize for Physiology
- Nobel Prize for Chemistry
- Nobel Prize for Peace

7) Which of the following was used for medicinal purposes in ancient times?

- Plants
- Tablets
- Syrups
- Injections

8) Who invented the process of sterilisation?

- Louis Pasteur
- Edward Jenner
- Alexander Fleming
- Robert Koch

9) From which script did Telugu develop?

- Sanskrit
- Dravidian
- Roman
- Greek

10) What is an antibiotic?

- A medicine to improve the immunity of people
- A medicine that prevents and destroys the growth of small organisms
- A medicine to make a product free from microorganisms
- A medicine to make instruments free of microorganisms

- Science
- Ch 12

- Earth, Sun, and Moon

**1. Tick the correct option.**

- a) A star/satellite revolves around a planet.
- b) The moon takes about 27/30 days to make one revolution around the earth.
- c) If you weigh 18 kg on the earth then your weight on the moon will be 3 kg/108 k
- d) A lunar eclipse occurs on a full moon/new moon night.
- e) Mike Collins/Neil Armstrong was the first man to land on the moon.

**2. Fill in the blanks.**

- a) The is the centre of the earth.
- b) The moon's gravity is times less than the earth's gravity.
- c) Large land masses are called
- d) was India's first satellite launched in 1975.

3. Answer the following questions.

a) Describe the surface of the moon.

b) How are tides caused?

c) What is the difference between natural and man-made satellites?

## Science

### Ch-13

#### Natural Calamities

1. Define the following.

a) Seismograph

b) Lava

c) Extinct volcano

2. Give one word for each of the following.

a) The scale to measure intensity of an earthquake

b) A term used for natural events that cause destruction

c) The point where the rocks start to fracture during an earthquake

d) The earthquake in or near oceans causing huge destructive waves

3. Answer the following questions.

a) Name the different kinds of natural calamities.

b) What is the difference between an earthquake and a volcano?

c) What are the effects of floods?

**Science**

**Class 5**

**Ch 10- Force, Energy, and Simple Machines**

**1. Fill in the blanks by choosing the correct option.**

a) The earth pulls everything towards itself due to force. (gravitational/frictional)

b) Scissors are an example of class levers. (first/third)

c) A screw is an example of a/an (wedge/inclined plane)

d) energy is used to cook food. (Heat/Light).

e) Electricity is produced by.. in dams (wind/water).

**2. Name the simple machines you will use to do the following tasks.**

a) To sew clothes

b) To hoist a flag

c) To chop vegetables

d) To push a heavy load into a truck



e) To split wood

**3. Rewrite the following statements correctly by changing the incorrect words.**

a) The sun, wind, and water are examples of non-renewable energy sources.

b) The stored energy is called kinetic energy.

c) Magnetic force is an example of contact force.

d) Tongs are examples of first class levers.

**1. Answer the following questions.**

a) Gautam got the worn-out tyres of his car replaced. Explain the scientific reason behind this.

b) Solar energy gets converted to muscular energy. Explain the statement.

c) Rohit's mother hammered a nail in the wall to hang a picture but after some time the nail fell. What was the reason and what should she have done?

**SPRINGFIELD PUBLIC SCHOOL**

**WORKSHEET-1**

**METRIC MEASURES**

Class: 5  
Subject: maths  
Student's name:

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*Add the following metric measures.*

- 1) 7 kL 5 hL 6 daL 6 L and 9 kL 7 hL 7 daL 6 L (express in kL)

*Add the following, and express the result in metres.*

- 1) 11 km 9 hm 7 dam 5 m 6 dm 7 cm 5 mm; 4 km 8 hm 3 dam 2 dm 7 cm 9 mm;  
and 6 km 9 hm 5 dam 7 m 5 dm 7 cm 7 mm

*Find the difference between the given measures.*

- 1) 9 kL 2 hL 8 daL 7 L and 2 kL 7 hL 6 daL 8 L
- 2) 8 kg 7 hg 2 dag 6 g and 2 kg 8 hg 5 dag 6 g

*Multiply the following metric measures.*

- 1) 6 kg 7 hg 6 dag 9 g by 23

*Find the quotients of the following.*

- 1) 56 kg 349 g by 9

*Answer the following.*

- 1) Find the sum of 8 kg 300 g and 7 hg 500 dag. Write your answer in kg.

2) Find the difference between 8000 mL and 500 mL. Write your answer in L.

**SPRINGFIELD PUBLIC SCHOOL**

**WOKSHEET 2**

**PERIMETER AND AREA**

Class: 5  
Subject: maths  
Student's name:

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*Use the formula to find the perimeters of the rectangles whose lengths and breadths are given below.*

1)  $l = 15 \text{ m}, b = 13 \text{ m}$

2)  $l = 4 \text{ m}, b = 2 \text{ m}$

*Use the formula to find the perimeters of the squares whose side is -*

1)  $8 \text{ cm}$

2)  $7 \text{ cm}$

*Find the perimeters of the triangles whose sides are given below.*

1)  $5 \text{ cm}, 4 \text{ cm}, \text{ and } 6 \text{ cm}$

2)  $5 \text{ cm}, 4 \text{ cm}, \text{ and } 4 \text{ cm}$

*Find the area of the rectangles whose lengths ( $l$ ) and breadths ( $b$ ) are as follows.*

1)  $l = 10 \text{ cm}, b = 8 \text{ cm}$

2)  $l = 9 \text{ m}, b = 7 \text{ m}$

*Find the area of the squares whose sides are given below.*

1) 3 cm

2) 30 cm

**SPRINGFIELD PUBLIC SCHOOL**

**WORKSHEET 3**

**MONEY AND DATA HANDLING**

Class: 5  
Subject: Maths  
Student's name:

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*Find the profit or loss.*

- 1) C.P. = ₹14,500; S.P. = ₹15,400
- 2) CP = ₹6200; SP = ₹6000
- 3) C.P. = ₹2242; S.P. = ₹2543

*Find the cost price and complete the table.*

1)

	Selling price (S.P.)	Profit	Loss	Cost price (C.P.)
a)	₹6560	₹899	—	
b)	₹7854	—	₹108	
c)	₹9089	₹625	—	
d)	₹6899	—	₹433	

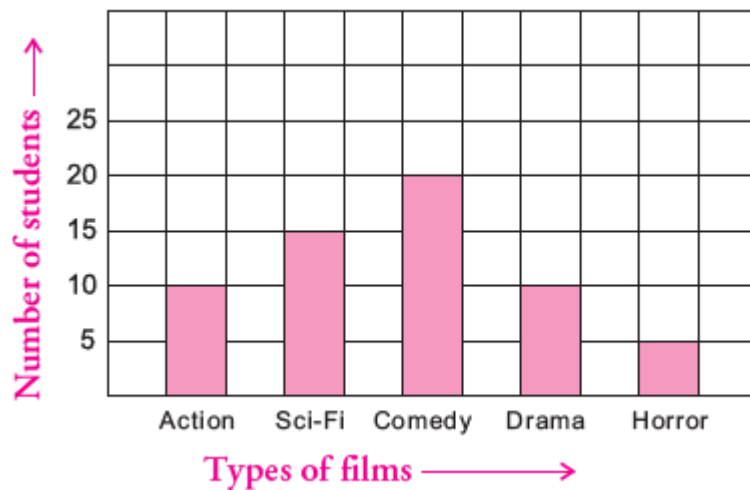
*Find the selling price and complete the table.*

1)

	Cost price (C.P.)	Profit	Loss	Selling price (S.P.)
a)	₹2354	₹568	—	
b)	₹6574	—	₹502	
c)	₹2745	₹148	—	
d)	₹4150	—	₹663	

A group of students were asked to vote for the type of film they love to watch. The following bar graph shows the data collected, answer the following questions.

- 1) How many more children like action films than horror films?



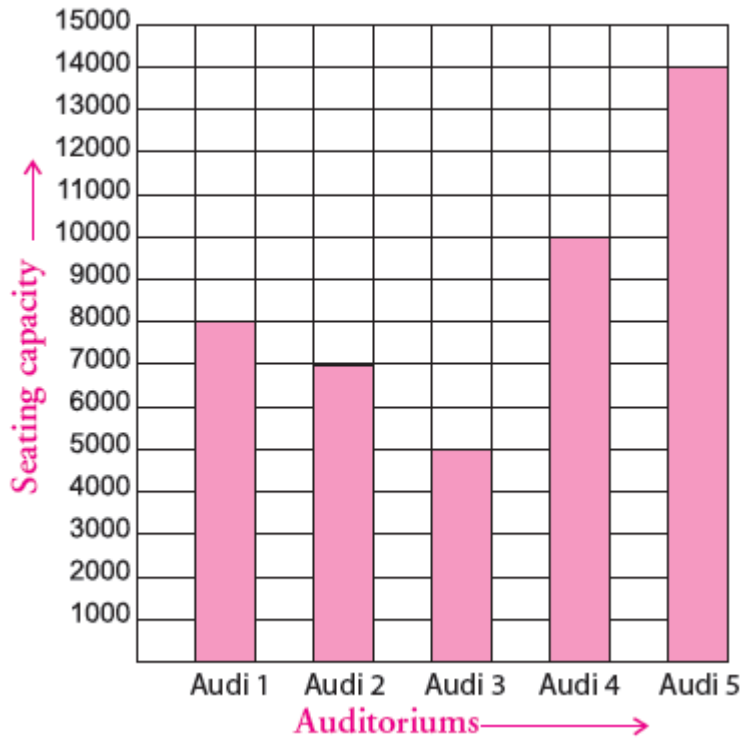
The circle graph shows how Mayank spent his 12-hour train journey. Read the graph and answer the questions.

- 1) How many hours did he sleep?



*The bar graph shows the seating capacities of the top five auditoriums in a city. Read the bar graph, and answer the questions that follow.*

- 1) Name the auditoriums that have seating capacities of greater than 5000 but less than 10,000.





हिंदी

कक्षा पाँचवी

### 1.अपठित गद्यांश

संसार में सबसे मूल्यावान वस्तु समय है क्योंकि दुनिया की अधिकांश वस्तुओं को घटाया-बढ़ाया जा सकता है, पर समय का एक क्षण भी बढ़ा पाना व्यक्ति के बस में नहीं है। समय के बीत जाने पर व्यक्ति के पास पछतावे के अलावा कुछ नहीं होता। विद्यार्थी के लिए तो समय का और भी अधिक महत्त्व है। विद्यार्थी जीवन का उद्देश्य है शिक्षा प्राप्त करना। समय के उपयोग से ही शिक्षा प्राप्त की जा सकती है। जो विद्यार्थी अपना बहुमूल्य समय खेल-कूद, मौज-मस्ती तथा आलस्य में खो देते हैं वे जीवन भर पछताते रहते हैं, क्योंकि वे अच्छी शिक्षा प्राप्त करने से वंचित रह जाते हैं और जीवन में उन्नति नहीं कर पाते। मनुष्य का कर्तव्य है कि जो क्षण बीत गए हैं, उनकी चिंता करने के बजाय जो अब हमारे सामने हैं, उसका सदुपयोग करें।

प्रश्न

(क) समय को सबसे अमूल्य वस्तु क्यों कहा गया है?

(i) इसका एकक्षण भी घटाया-बढ़ाया नहीं जा सकता

(ii) सम्य व्यक्ति के वश में नहीं है।

(iii) समय ही व्यक्ति के जीवन को बदल सकता है

(iv) मनुष्य उस समय की गति को नहीं रोक सकता

(ख) विद्यार्थी जीवन का उद्देश्य है

(i) जीवन को सुखी बनाना

(ii) गुरुओं का आदेश मानना

(iii) व्यक्ति के जीवन में समय का महत्त्व

(iv) शिक्षा प्राप्त करना

(ग) विद्यार्थी जीवन भर क्यों पछताते रहते हैं ?

(i) क्योंकि वे आलसी होते हैं

(ii) जो अपना कीमती समय मौज मस्ती और आलस्य में खो देते हैं।

(iii) जो ज्ञान प्राप्त नहीं करते।

(iv) जो विद्यार्थी माता-पिता और गुरुओं की आज्ञा का पालन नहीं करते

(घ) समय के संबंध में व्यक्ति का क्या कर्तव्य बताया गया है?

(i) परिश्रम करें

(ii) मन लगाकर पढ़ाई करें

(iii) बीते समय के बारे में पश्चाताप न करके वर्तमान समय का सदुपयोग करें

(iv) असफल होने पर निराश न हों, पुनः प्रयास करें

(ङ) उपर्युक्त गद्यांश का उपयुक्त शीर्षक सुझाइए

(i) समय का सदुपयोग

(ii) समय और मनुष्य

(iii) विद्यार्थी और समय

(iv) अमूल्य समय उत्तर

2. नीचे दिए गए शब्दों के उचित पर्यायवाची शब्द छाँटिए-

प्रश्न 1. वायु

(क) सलिल

(ख) समीर

(ग) नभ

प्रश्न 2. वर्षा

(क) मेघ

(ख) मेह

(ग) घन

प्रश्न 3. रात

(क) रजनी

(ख) नीर

(ग) घटा

प्रश्न 4. कमल

(क) जलज

(ख) अचल

(ग) सुत

प्रश्न 5. सेवक

(क) दास

(ख) चाकर

(ग) ये सभी

प्रश्न 6. पुत्र

(क) तनय

(ख) नरेश

(ग) भूष

प्रश्न 7. गुरु

(क) अध्यापक

(ख) शिक्षक

(ग) ये सभी

प्रश्न 8. पुस्तक

(क) ग्रन्थ

(ख) भूष

(ग) कोई नहीं

प्रश्न 9. दिन

(क) दिवस

(ख) संध्या

(ग) प्रातः

प्रश्न 10. आकाश

(क) गगन

(ख) नभ

(ग) ये सभी

3. निम्नलिखित शब्दों को उनके सही पर्यायवाची शब्द से मिलाने के लिए उचित विकल्प चुनिए-

प्रश्न 1. साँप

(क) वासर

(ख) अहि

(ग) वार

प्रश्न 2. संसार

(क) विश्व

(ख) रजनी

(ग) दास

प्रश्न 3. पहाड़

(क) जगत

(ख) नभ

(ग) अचल

प्रश्न 4. आसमान

(क) गगन

(ख) घन

(ग) ये सभी

प्रश्न 5. हवा

(क) राजीव

(ख) पवन

(ग) उक्त में से कोई नहीं

प्रश्न 6. भूमि

(क) नभ

(ख) धरती

(ग) मेह

प्रश्न 7. सम्पत्ति

(क) अहि

(ख) दौलत

(ग) पंकज

प्रश्न 8. नेत्र

(क) चक्षु

(ख) नृप

(ग) सुत

प्रश्न 9. राजा

(क) नरेश

(ख) तनय

(ग) नीर

प्रश्न 10. जंगल

(क) घटा

(ख) कानन

(ग) शैल

4. निम्नलिखित मुहावरों के अर्थ के सही विकल्प को चुनिए-

प्रश्न 1. आँखों में धूल झोकना

(क) आँखों में मिट्टी डाल देना

(ख) आँखों में गंदगी चले जाना

(ग) धोखा देना

प्रश्न 2. आड़े हाथों लेना

(क) किसी की गलती पर उसकी खिंचाई करना

(ख) किसी को आड़े हाथों हाथों से उठाना

(ग) घमंड होना

प्रश्न 3. घी के दीये जलाना

(क) बहुत प्रसन्न होना

(ख) बहुत खुशी मनाना

(ग) धनवान होना

प्रश्न 4. अपने मुँह मियाँ मिट्टू बनना

(क) मियों जी का मिट्टू बन जाना

(ख) अपनी बड़ाई आप करना

(ग) अपनी बात सबसे अलग रखना

प्रश्न 5. अडियल टट्टू

(क) जिद्दी होना

(ख) संकटपूर्ण कार्य करना

(ग) बहाना बनना

प्रश्न 6. हाथ पसारना

(क) बेकार बैठना

(ख) किसी से कुछ माँगना

(ग) मदद करना

प्रश्न 7. लाल - पीला होना

(क) गुस्से में होना

(ख) होली में लाल - पीले रंग लगाना

(ग) मुश्किल कार्य करना

प्रश्न 8. हाथ मलना

(क) हाथों की मालिश करना

(ख) हाथ का मैल उतारना

(ग) पछताना

प्रश्न 9. साँप सूघना

(क) सहम जाना

(ख) विरोध करना

(ग) प्रभाव स्थापित करना

प्रश्न 10. नानी याद आना

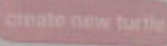
(क) नानी के चले जाने पर उनकी याद आना

(ख) मुसीबत का एहसास होना


(ग) मन ही मन खुश होना



Identify the given blocks and write the name of their category.

1. 

\_\_\_\_\_

2. 

\_\_\_\_\_

3. 

\_\_\_\_\_

4. 

\_\_\_\_\_

5. 

\_\_\_\_\_

6. 

\_\_\_\_\_

**LET'S REFRESH**

- Variables block is a container that holds a value, such as a piece of text or a number.
- When two lines going in different directions cut each other at a point, they form an 'Angle'.
- A turtle can be turned in two directions: clockwise (right) or anticlockwise (left).
- A circle is an equally round, closed shape made of a curved line.
- To store different type of values, different variables are used.
- Variables are of different types, such as integer, float, boolean and string.
- Input blocks are used to add value to a variable and modify the code.
- With output block palette you can structure the appearance of your output.

**EXERCISE**

A. Tick (✓) the correct option.

1. \_\_\_\_\_ block is used to control the movement of a turtle.

(i) Input

(ii) Motion

(iii) Control

(iv) Loop

2. Which of the following is an example of float value?
- |          |                          |           |                          |
|----------|--------------------------|-----------|--------------------------|
| (i) 3.4  | <input type="checkbox"/> | (ii) 54   | <input type="checkbox"/> |
| (iii) 63 | <input type="checkbox"/> | (iv) -314 | <input type="checkbox"/> |
3. Which of the following is an output block?
- |                     |                          |                    |                          |
|---------------------|--------------------------|--------------------|--------------------------|
| (i) set T to block  | <input type="checkbox"/> | (ii) print block   | <input type="checkbox"/> |
| (iii) Boolean block | <input type="checkbox"/> | (iv) None of these | <input type="checkbox"/> |
4. A turtle can be turn in \_\_\_\_\_ directions.
- |            |                          |            |                          |
|------------|--------------------------|------------|--------------------------|
| (i) two    | <input type="checkbox"/> | (ii) three | <input type="checkbox"/> |
| (iii) four | <input type="checkbox"/> | (iv) five  | <input type="checkbox"/> |
5. Which of the following is not a real life example of angle?
- |             |                          |                    |                          |
|-------------|--------------------------|--------------------|--------------------------|
| (i) Clock   | <input type="checkbox"/> | (ii) Tent          | <input type="checkbox"/> |
| (iii) Pizza | <input type="checkbox"/> | (iv) None of these | <input type="checkbox"/> |
6. The centre is always at equal distance from the edges of the circle. This is called \_\_\_\_\_.
- |           |                          |             |                          |
|-----------|--------------------------|-------------|--------------------------|
| (i) side  | <input type="checkbox"/> | (ii) round  | <input type="checkbox"/> |
| (iii) dot | <input type="checkbox"/> | (iv) radius | <input type="checkbox"/> |

**B. Fill in the blanks using the words given below.**

★ Circle ★ Degree ★ Input block ★ Right ★ Boolean ★ Int

- Angles are measured in \_\_\_\_\_.
- By default, turtle is facing towards the \_\_\_\_\_ side.
- Make turtle a dot of radius block is used to draw \_\_\_\_\_ in AI Connect.
- \_\_\_\_\_ block is used to convert input into integers.
- \_\_\_\_\_ are used to add value to a variable and modify the code.
- \_\_\_\_\_ converts a variable input to either true or false.

**C. State whether these statements are true or false.**

- Control block is used to set the position of Turtle. \_\_\_\_\_
- We can create new variable from Draw category. \_\_\_\_\_
- Float block converts the input into a decimal number. \_\_\_\_\_
- Square's all sides are equal. \_\_\_\_\_
- Convert to uppercase block is an output block. \_\_\_\_\_
- A circle is a shape with 8 sides. \_\_\_\_\_



D. Match the following:

1. To take input from the user.
2. To convert the input into string type.
3. The block that takes float numbers as input.
4. The block to turn the turtle clockwise with some degree.
5. The block to print items.

- a.
- b.
- c.
- d.
- d.

E. Answer the following questions.

1. What is the use of Functions block?  
\_\_\_\_\_
2. Write the names of any three conversion blocks.  
\_\_\_\_\_
3. What is angle? Explain with the help of a diagram.  
\_\_\_\_\_
4. What is the quickest way to draw a circle in AI Connect?  
\_\_\_\_\_
5. Write the code to turn turtle right.  
\_\_\_\_\_
6. Briefly explain about the types of variables.  
\_\_\_\_\_

**FUN ZONE**

Computational Thinking

A. Draw the output.

1.

```
create new turtle
make turtle turn right by 90
make turtle move forward by 100
make turtle turn left by 90
make turtle move forward by 100
```

