

**St. Mary's School, Dwarka**  
**Holiday Homework**  
**Class VI**  
**Week 4**  
**Worksheet 4**

**Subject: English**

**Q1. Read the following passage carefully.**

**(5 Marks)**

The Amazon is the world's largest tropical rainforest. It covers an area of nearly 2.8 million square miles, which is about the size of the continent of Australia. The Amazon rainforest gets its life from the majestic Amazon River, the world's second largest river, which runs directly through the heart of the region. The rainforest itself is simply the drainage basin for the river and its many tributaries. The vast forest itself consists of four layers, each featuring its own ecosystem and specially adapted plants and animals.

The forest floor is the lowest region. Since only two per cent of the sunlight filters through the top layers to the under storey, very few plants grow here. The forest floor, however, is rich with rotting vegetation and the bodies of dead organisms, which are quickly broken down into nutrients and integrated into the soil. Tree roots stay close to these available nutrients and decomposers such as millipedes and earthworms use nutrients for food.

The under storey is the layer above the forest floor. Much like the forest floor, only about 2-5 per cent of the sunlight reaches this shadowy realm. Many of the plants in the under storey have large, broad leaves to collect as much sunlight as possible. The under storey is so thick that there is very little air movement. As a result, plants rely on insects and animals to pollinate their flowers.

The layer above the under storey is the canopy. This is where much of the action in the rainforest occurs. Many canopy leaves have specially adapted leaves which form "drip tips". Drip tips allow water to flow off the leaves which prevents mosses, fungi, and lichens from occupying the leaves. Leaves in the canopy are very dense and filter about 80 per cent of the sunlight. The canopy is where the wealth of the rainforest's fruits and flowers grow. Bromeliads-cup-like plants, provide drinking pools for animals and breeding locations for tree frogs.

**Q1. On the basis of your reading of the above passage, answer the following questions carefully.**

- a) Why is the Amazon rainforest called the world's largest rainforest?
- b) Which is the world's second largest river?
- c) How important is the Amazon River for the Amazon rainforest?
- d) Why do very few plants grow in the under storey of the rainforests?
- e) Find the word in the above passage which means 'the uppermost spreading branchy layer of a forest'.

**Q2.** You are the Cultural Secretary of Delhi Public School, Roorkee. You have been asked to inform the students of Class VI to XII about an Inter-House Theatre Competition. Draft a notice in not more than 50 words with necessary details. (3)

**Q3.** You are Vishal / Swarna. Your parents are out. You have received a registered post for your father. However, you have to go to your friend's birthday party before your parents arrive. Leave a message for your parents. (2)

**Q4. Fill in the blanks with the correct tense of the words given in the bracket. (1/2 x4=2)**

Peddacheppalli (a) \_\_\_\_\_ (become) a habitation after Pakistani Kapu brothers who (b) \_\_\_\_\_ (come) from Northern India, (c) \_\_\_\_\_ (cut) down a forest and (d) \_\_\_\_\_ (level) it, and hence the village was named Peddacheppalli after the eldest of the brothers.

**Q5. Fill in the blanks with suitable word. (1/2 x4=2)**

Raman fell (a) \_\_\_\_\_ the soft grass (b) \_\_\_\_\_ his way back home (c) \_\_\_\_\_ school (d) \_\_\_\_\_ 4 p.m.

**Q6. Fill in the blanks with appropriate words. (1/4 x4=1)**

- (a) My purse is empty. There aren't \_\_\_\_\_ coins in it.
- (b) We need \_\_\_\_\_ help to complete the task.
- (c) Watching too \_\_\_\_\_ TV is bad for you.
- (d) Can I have \_\_\_\_\_ water, please.

**Answer the following questions in 20-30 words. (2x2=4)**

**Q7.** Why did Potash rob the house where he worked? What did he do after that?

**Q8.** What was written in the picture that Ana found? Why couldn't they read it properly?

**Answer the following questions in about 80 words. (3x2=6)**

**Q9.** What happened to the condition of the letter by the end? Why did it so happen?

**Q10.** What did Akshay Hajra do after Potash came at his house for robbery? What did Potash's father do with him?

**Subject: Hindi**

(4x5=20)

**प्रश्न 1** संकेत बिंदुओं के आधार पर 80 से 100 शब्दों में अनुच्छेद लिखिए —

रक्षा बंधन — 1 भूमिका

2 मनाने का कारण और तरीका

3 लाभ और संदेश

**प्रश्न 2** अपने मित्र को बढ़ते कोविड के समय पर बरती जाने वाली सावधानियों का ध्यान रखने के लिए समझाते हुए एक पत्र लिखिए।

**प्रश्न 3** 'कूलिंग' कंपनी की ओर से 'चिल कूलर' के प्रचार-प्रसार के लिए आकर्षक विज्ञापन तैयार कीजिए।

**प्रश्न 4** 'बढ़ती हुई गरमी' को लेकर माँ और पड़ोसी के बीच हो रही बातचीत को संवाद के रूप में 50 से 60 शब्दों में लिखिए।

**प्रश्न 5** निम्न चित्र का 60 से 80 शब्दों में वर्णन कीजिए—



## **Subject - Mathematics**

### **No of Questions: 10**

Q1) From the digits 2, 5, 1, 0, 9 make any four 7-digit numbers using each digit at least once. Arrange them in descending order. (2)

Q2) Draw a magic square such that sum of each row, each column and each diagonal is 15. Dimension of square should be 3 x 3 units. (2)

Q3) A milk depot sells 657 litres of milk everyday. How much milk will it sell in the month of February if  
i) year is leap year ii) year is non leap year? (3)

Q4) Find: (3)

- (a) The difference between ten lakhs and one million
- (b) The sum when one lakh is added to one hundred thousand
- (c) The difference of LXXIII and LXIV

Q5) Namrata bought 10 pens at ₹ 12 each. In addition, the cashier charged ₹ 5 as sales tax on the bill amount. If she left the store with a change of ₹ 75, how much money did Namrata start with? (3)

Q6) If a new school buys 175 desks for ₹ 1,48, 750, find the cost of each desk. (3)

Q7) a) Write the multiples of 7 upto 70. (3)

b) write the multiple of 5 upto 70.

c) Write first twocommon multiples of 5, 7.

Q8) Name the property used in the following operations: (3)

- a)  $282 \times 114 = 114 \times 282$
- b)  $511 + (234 + 132) = (511 + 234) + 132$
- c)  $284 \times (1004) = 284 \times 1000 + 284 \times 4$

Q9) a) How many whole numbers lie between 52 and 99? (show method) (2x 2)

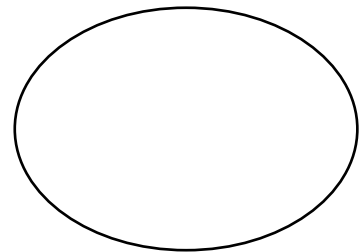
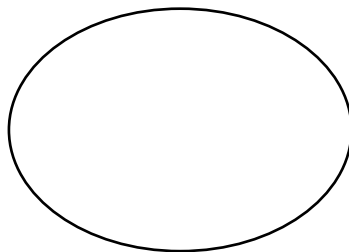
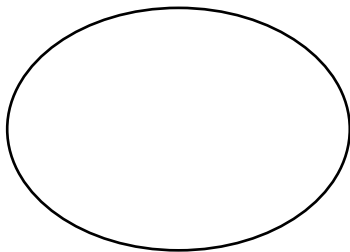
b) How many whole numbers are there from 52 to 99? (show method)

Q10) A housing complex built by DLF consists of 25 large buildings and 20 small buildings. Each large building has 15 floors with 4 apartments on each floor and each small building has 9 floors with 5 apartments on each floor. Cost of each apartment in small building is ₹50 lakhs while of large buildings is ₹70 lakhs. Based on the above information answer the following questions:

- a) How many apartments are there in small buildings?
- b) Which property of whole numbers is used in part a) for easier calculation?
- c) What is the total cost of all the apartments of large buildings?
- d) How many apartments are there in all?

## **Subject: Science**

- Q1. Name the process in which moong seeds are used to obtain more nutritious food. (1)
- Q2. Name two nutrients which protect the body from diseases. Give two examples each food containing these nutrients. (2)
- Q3. What happens to our body system if we eat insufficient amount of protein? (2)
- Q4. List two of your favourite food items and mention their ingredients. (2)
- Q5. While using iodine in the laboratory, some drops of iodine fell on Tia's socks, and some fell on her teacher's saree. The drops of iodine on the saree turned blue black while their colour did not change on the socks. What can be the possible reason? (2)
- Q6. Name the most common food items provided by the following animals: (2)
- (a) hen (b) goat.
- Q7. Take two food items- groundnut and rice grains. Place them on two separate pieces of paper and crush them, taking care that the paper is not torn. After some time, straighten the paper and observe it. (1+1+1=3)
- (a) In which of the two cases did you observe an oily patch?
- (b) List the nutrient present in the food item that shows an oily patch.
- (c) Is this nutrient important for our body? Why?
- Q8. Suppose one of your friends had only one chapati, some rice and one bowl of pulses for his daily meal. Do you think that by eating such meal he can work and play whole day? (3)
- Q 9. Draw some sources of carbohydrates, fats, vitamins, and minerals. (3)



- Q10. Varun was having difficulty in seeing things in dim light. The doctor tested his eyesight and prescribed a particular vitamin supplement. He also advised him to include a few food items in his diet.
- (a) Name the deficiency disease he might be suffering from?
- (b) Which nutrient may be lacking in his diet?
- (c) Suggest some food items that he should include in his diet (any three). (1+1+3=5)

## **Subject: Social Science**

### **General Instructions:**

- The work should be done neatly and in a systematic way.
- The given assignments are to be done in History and Civics notebook.
- Mention the number of worksheets while doing the work.
- Write all the questions along with the answers.
- Maps and diagrams are to be pasted/done in the notebook.

### **Answer the following questions:**

**M.M.30**

- Q1. Write short notes on inscription, artefacts. (2)
- Q2. Mention two incidents of prejudice and discrimination that occur every day. (2)
- Q3. Why is the standard time of Pakistan half an hour behind of India? (2)
- Q4. Differentiate between nomadic and settled life. (2)
- Q5 Why are pashmina shawls expensive? (2)
- Q6. How does the climatic condition of Ladakh region affect the cultivation of crops? Name the major crops grown in this region (3)
- Q7. Search or refer to an atlas and write the names of any three (3)
- i) Countries with more than three Time Zones.
  - ii) Towns/Countries whose time is ahead of the Indian Standard Time.
  - iii) Towns/Countries whose time is behind the GMT.
- Q8. Discuss the powerful provisions given in the Part III of our Constitution to fight all forms of discrimination based on race, caste, decent. (3)
- Q9. On an outline map of India, mark and label the major sites of early humans: (5)
- i) two Paleolithic
  - ii) two Mesolithic
  - iii) two Neolithic sites
- Write s short note on any one site. (5)
- Q10. If it is 12 noon at Greenwich, calculate, with the help of a World map, the local time of the places located on the following longitudes. (5)
- |          |         |          |
|----------|---------|----------|
| 1. 140°E | 3. 20°W | 5. 100°E |
| 2. 135°W | 4. 69°E | 6. 118°W |

## Subject–Sanskrit

- प्रश्न 1** निम्नलिखित रिक्त-स्थानानि पूरयत ।  
(निम्नलिखित रिक्त स्थान भरिए—) (2)  
एकवचन      द्विवचन      बहुवचन  
1 छात्रः      ———      छात्राः  
2 ———      बालिके      ———  
3 ———      फले      फलानि
- प्रश्न 2** 'सप्ताहस्य' प्रथम चत्वारः दिनानाम् नामानि लिखत । (2)  
( 'सप्ताह' के पहले चार दिनों के नाम लिखिए । )
- प्रश्न 3** संस्कृत भाषायाम् कति लिंगाः भवन्ति? तेषाम् नामानि लिखत । (2)  
( संस्कृत भाषा में कितने लिंग होते हैं? उनके नाम लिखिए । )
- प्रश्न 4** निम्नलिखित शब्दानाम् अर्थ हिन्दी भाषायाम् लिखत । (2)  
( निम्नलिखित शब्दों के अर्थ हिन्दी भाषा में लिखिए । )  
संस्कृत      हिन्दी  
पिकः  
हस्तः  
घटः  
सैनिकः
- प्रश्न 5** संस्कृत भाषायाम् कति पुरुषाः भवन्ति? तेषाम् नामानि लिखत । (2)  
( संस्कृत भाषा में कितने पुरुष होते हैं? उनके नाम लिखिए । )
- प्रश्न 6** निम्नलिखित रिक्त-स्थानानि पूरयत । (2)  
(निम्नलिखित रिक्त स्थान भरिए—)  
एकवचन      द्विवचन      बहुवचन  
1 पठति      ———      ———  
2 पठसि      पठथः      ———  
3 ———      पठावः      पठामः
- प्रश्न 7** निम्नलिखित शब्दान् वचनानुसारं चित्वा लिखत । (2)  
(निम्नलिखित शब्दों को वचन के अनुसार छोटकर लिखिए । )  
पुस्तकानि , बालकौ , महिला , देवाः
- प्रश्न 8** 'हिरण, चिड़िया' इति पदयोः संस्कृत नाम किम् भवति? (2)  
( 'हिरण, चिड़िया' इन पदों का संस्कृत नाम क्या होता है? )

**प्रश्न 9** अस्माकम् राष्ट्रीय ध्वजस्य चित्रं रचयित्वा तस्य वर्णानाम् नामानि लिखत । (2)  
( हमारे राष्ट्रीय ध्वज का चित्र बनाकर उसके रंगों के नाम संस्कृत में लिखिए । )

**प्रश्न 10** निम्न पदेषु स्त्रीलिङ्ग शब्दान् चित्वा लिखत । (2)  
( निम्न शब्दों में से स्त्रीलिङ्ग शब्द चुनकर लिखिए । )



## Subject: Computer Science

### Lesson 1- Flash and its elements

#### 1. Answer the following questions.

2\*4=8

- a) What do you mean by grouping and ungrouping of objects?
- b) Explain the following terms i) Library ii) Scene
- c) What do you mean by scaling objects? Which option is used to rotate and flip the selected object?
- d) Write a short note on Flash.

#### 2. Write the shortcut keys of the following.

1\*5=5

- a) Insert Frame
- b) To display properties
- c) To display tools
- d) To insert Keyframe
- e) To preview the animation

#### 3. Label the following components of the Flash screen.

1/2\*4=2

