## St. Mary's School, Dwarka <br> Holiday Homework <br> Class VII <br> Week 4 <br> Worksheet 4

## Subject: English

## Q1. Read the following passage carefully and answer the questions that follow: (5 Marks)

The human body can tolerate only a small range of temperature, especially when the person is engaged in vigorous activity. Loss of excess water or salt due to excessive sweating results in heat reactions. When the body becomes overheated and cannot eliminate this excess heat, heat exhaustion and heat stroke are possible.

Heat exhaustion is generally characterized by clammy skin, fatigue, nausea, dizziness, profuse perspiration and sometimes fainting, resulting from an inadequate intake of water and the loss of fluids. First aid treatment for this condition includes having the victim lie down, raising the feet 8 to 12 inches, applying cool, wet cloth to the skin and giving the victim sips of salt water ( 1 teaspoon per glass, half a glass every 15 minutes) over an hour's period.

Heat stroke is much more serious. It is an immediate life-threatening situation. The characteristics of heat stroke are a high body temperature (which may reach $106^{\circ} \mathrm{F}$ or more), rapid pulse, hot dry skin and a blocked sweating mechanism. Victims of this condition may be unconscious and first-aid measures should be directed at quickly cooling the body.

The victim should be placed in a tub of cold water or repeatedly sponged with cool water until his or her temperature is sufficiently lowered. Fans or air conditioners will also help with the cooling process. Care should be taken, however, not to over chill the victim once the temperature is below $102^{\circ} \mathrm{F}$.
1.1On the basis of the reading of the above passage, answer the following questions: ( $1 \times 4=4$ )
a) Under what conditions do heat reactions occur?
b) What are the symptoms of heat exhaustion?
c) How can we identify a person suffering from heat stroke?
d) What kind of first aid measures should be given to a person suffering from a heat stroke?
1.2Find the words from the passage which mean the same as:
a) energetic action
b) not sufficient

Q2. You are Radhika. Mr Lal called up to invite your father for a family function on $10^{\text {th }}$ June from 3:00 P.M. onwards at his residence. He also requested to not bring any gifts. Your father is not at home. Write a message for your father in 50 words informing him about the function as you need to leave for your dance class.

## SECTION B- WRITING

Q3. Write a paragraph in 80-100 words on the topic ' Importance of Good Health'.

Q4. Fill in the blanks with suitable words.
( $1 / 4 \times 8=2$ )
Most people a) $\qquad$ (think) that the cat b) $\qquad$ (be) an unintelligent animal that c) $\qquad$ (like) to laze around and d)) $\qquad$ (do) not care much for anything besides mice and milk. But a cat really e) $\qquad$ (has) more character than most human beings. In fact, in the entire animal kingdom, the cat has the most interesting and many-sided character. All day long, the cat f) $\qquad$ (wander) around the house aimlessly, g) $\qquad$ (take) things easy, sleeps by fire and h) $\qquad$ (allow) himself to be bothered by our attention.

## SECTION C- GRAMMAR

Q5. Fill in the blanks with the suitable form of the words given in the bracket:
Richard Fox (a) $\qquad$ (live) in a small city in Hong Kong. Now he lives in England. He (b)
$\qquad$ (like) England because of its convenient location in Europe which (c) $\qquad$ (allow) him to visit many countries in the region. He says that living in a city like England is very different from the small town in Hong Kong where he was (d) $\qquad$ (bring) up. His short stay in England has given him a broader outlook on life.
Q6. Fill in the blanks with suitable words:

After buying groceries from the market, we walked (a) $\qquad$ towards our car as it had started raining b) $\qquad$ . We got into the car and my father drove the car c) $\qquad$ . d) $\qquad$ the rain stopped and we realized that our car had broken down.

## SECTION D- LITERATURE

Answer the following questions in 20-30 words.
Q7. Why did the narrator and his friends take a lot of time to pack the bag?
Q8. "They began in a light-hearted spirit, evidently intending to show me how to do it."
(i) Who are 'they' in the above line?
(ii) What did they want to show the narrator?

Answer the following questions in about 80 words.

Q9. Why was Jane's father terribly impressed? What did he do to encourage her? Name any two books written by Jane Austen.
Q10. What follows the sea-ship? What are the 'necks' that are lifted up in the wake of the ship? How are the waves described in the poem?

## Subject: Hindi

प्रश्न 1 संक्रेत बिदुओं क्र आधार पर 80 से 100 शब्दों में अनुच्छेद लिखिए -
(4)

जन्माष्टमी - 1 भूमिका
2 मनाने का कारण और तरीका
3 लाभ और संदेश
प्रश्न 2 अपने क्षेत्र में 'स्सच्छता अभियान' हेतु किए जा रहे कार्यों के विषय में बताते हुए अपने मित्र को एक पत्र लिखिए।
प्रश्न 3 'बर्फीला' कंपनी की ओर से 'थारबते ज़न्नत' के प्रचार-प्रसार के लिए आकर्षक विज्ञापन तैयार
कीजिए।
(4)

प्रश्न 4 मरीज और डॉक्टर 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-
(4)
(4)


## Subject - Mathematics

Q1: Using brackets, write a mathematical expression for each of the following:
(i) Nine multiplied by the sum of two and five.
(ii) Twenty divided by the difference of seven and two.

Q2: Divide the following:
(i) $(-729)$ by $(-27)$
(ii) 21590 by ( -10 )
(2)

Q3: (i) An elevator is on the twentieth floor. It goes down 11 floors and then up 5 floors. Which floor is the elevator on now?
(ii) While watching a football game, Lin Chow decided to list Yardage gained as positive integers and his lost as negative integers. After these plays, Lin recorded 14, -7 and 9. What was the net gain or loss?

Q4: (i) Represent the following fractions on a number line:
(a) $\frac{1}{5}$
(b) $\frac{3}{5}$
(ii) Evaluate the following:
(a) $(-6) \times(-4) \times(-12)$
(b) $3 \times(-15) \times 0 \times(-5)$

Q5: Find the common factors of 75,60 and 210.
Q6: Evaluate the following using suitable properties of whole numbers:
(a) $738 \times 103$
(b) $54279 \times 92+8 \times 54279$

Q7: Express the following as indicated:
(a) 18 mg as grams
(b) 105 Km 25 m as Km
(c) 7 rupees 43 paise as rupees

Q8: A tile measures $10 \mathrm{~cm} \times 10 \mathrm{~cm}$. How many such tiles are required to cover a wall 4 m x 2.5 m ?

Q9(a): Aakash sold 144 refrigerators at ₹ 9725 each. From the money he bought 150 T.V. sets. Find the cost of each T.V. set.
(b): Fill the following blanks:
(i) $39 \div(\ldots \ldots)=-1$
(ii) $42 \div(\ldots .)=$.

Q10: Activity :
Prepare a power point presentation on the topic 'Symmetry' covering the following points:
(a) Define of symmetry
(b) Line of symmetry
(c) Symmetry in different polygons
(d) Symmetry in alphabets
(e) Applications of symmetry

## Subject: Science

1. The image shows the section of a leaf. What is the function of the labelled part in the leaf?

2. A student sets up an experiment using two potted plants, as shown in the picture below. Which of these plants will show more growth? Justify.

3. The organ that secretes bile juice is not functioning properly for Rahul. According to the doctor this is due to consumption of excessive alcohol by him. Mention the organ that is not functioning properly for Rahul and write its function.
4. The table given below shows the steps involved in the food intake by amoeba. Arrange the steps in the correct sequence.

| Step <br> number | Description |
| :---: | :---: |
| A | Sensing of food |
| B | Engulfing of food <br> particles |
| C | Pushing out <br> pseudopodia |
| D | Trapping of food in <br> food vacuoles |

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5. Imagine an island with only green plants and no animals. What will happen to the level of carbon dioxide in the atmosphere in 24 hours? Explain briefly.
6. List the elements needed for photosynthesis and briefly write down the importance of each element in the table given below:

| ELEMENT | ROLE IN PHOTOSYNTHESIS |
| :--- | :--- |
|  |  |
|  |  |
|  |  |

7 (a)Name the finger like projections seen in the picture given below and write its location and function.

b) Why don't plants need a digestive system?
8. Label the types of teeth as directed in the figure given below as (A) to (D) and write their functions.


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9. a) An experiment was conducted and the table given shows the constituents of four different solution taken for the experiment. Which solution have the highest amount of starch? Give reason. (2+1)

| Solution | Water (mI) | Raw material added |
| :---: | :---: | :---: |
| A | 5 | Crushed boiled potato |
| B | 5 | Boiled potato that was <br> chewed for 2 seconds |
| C | 5 | Boiled potato that was <br> chewed for 4 seconds |
| D | 5 | Boiled potato that was <br> chewed for 6 seconds |

b) A student sets up an experiment using two potted plants in the same type of soil. The student kept one plant in the garden while the other in a darkroom and watered both the plant equally. After five days, the student observed that the plant in the darkroom dies while the other plant in the garden appears healthy. What is the reason for this observation.
10. Label the following parts in the figure given below and name them and write their functions.

(a) The largest gland in our body.
(b) The organ where protein digestion starts.
(c) The organ that releases digestive juice into the small intestine.
(d) The organ where bile juice gets stored.

## Subject: Social Science

Q1. Why were Indian temples plundered by Muhammad Ghazni?
Q2. Write a short note on economic democracy.
Q3. 'Without an atmosphere, our earth would have been barren like other planets.' Why?
Q4. What is more important in a democracy all citizens should have equal voting rights or all citizens should have food, clothing, and shelter.
Q5. Write short notes on the three powerful kingdoms of South India.
Q6. Explain in detail the agrarian expansion in the Tamil region.
Q7. In which type of rocks do we find fossils remains of plants and animals? How are they formed?


Q8. Social and economic equality is the core value of democracy. Comment
Q9. Place the following words under the correct heading.

Granite, sandstone, basalt, coal, marble, quartzite, limestone, obsidian, gypsum, gneiss, slate, dolerite, pegmatite, shale, phyllite

| Igneous Rocks | Sedimentary Rocks | Metamorphic Rocks |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## 10. Project Work

Imagine you are in the tourism department. Design a pamphlet of the monuments in North India (any two) to attract tourists to visit these places.
Hints-Location, when was it built and by whom, the best time to visit, the importance of the monument, related pictures, etc.

## Subject-Sanskrit

प्रश्न 1 विलोमपदानाम् परस्परं मेलनम् करूत -
(1) वृद्वाः
(2) तीव्रम्
(3) जनकः
(4) बालिका
(5) सत्य
(6) प्रातः
(7) हृरितम्
(8) मधुरम्

मन्दम् शुष्कम् युवा॰
कटुः
सायम्
बालकः
असद्य
जननी

प्रश्न 2 प्रदत्त शब्दानाम् वर्ण- विच्छेदम् क्ञरूत -
(1) विनयशीलः
(2) मधुरम्
(3) देवालयः (4) रामः
(5) कूजनम्
(6) पत्रम्
(7) बालिका (8) महिला

प्रश्न 3 मश्जूषायां कर्दूपदम् चित्वा रिक्तर्सथानानि पूरयत -
( क्रोक्रिला॰ , छात्रौ , मूगा॰ , बालिक्रा, क्रमलानि ,बालक्र॰, बाली , पत्रम् )
(1) ......... धावन्ति।
(2) ......... कूूज्ति।
(3) .........नृद्यति।
(4) ......... अ्रमतः।
(5) ......... पत्रम् लिखतः
(6) ......... पतति।
(7) .........विकसन्ति ।
(8) $\qquad$ पठति ।

प्रश्न 4 शब्दानाम् अर्थम् लिखत -
वानरा॰ , तीव्रम्, पत्रम्, तत्, धाव् ,पाटलम् ,हरितिम् ,अस्
प्रश्न 5 रेखांक्रित पदम् आधृत्य प्रश्नं निर्मीयताम् -
(1) अहम् फ्ललम् खादामि ।
(2) बालक्रः वदति।
(3) लता पुस्तकम् पठति।
(4) सा सायं काले भ्रमति।
(5) अहम् विद्यालयं गच्छामि।
(6) बालक्री वदतः।
(7)खगा॰ वृक्षे सन्ति।
(8) मह्विले हसततः।

## Subject: Computer Science

## Lesson 1- Introduction to HTML

Lesson 2 - Creating web pages using HTML

## 1. Fill in the blanks. <br> $1 / 2^{*} 6=3$

a) HTML tags are written within $\qquad$ .
b) $\qquad$ tag is used to enclose actual contents in a web page.
c) The $\qquad$ tag have both the beginning and the ending tag.
d) A comment tag is indicated by $\qquad$ —.
e) $\qquad$ is an attribute of the body tag which defines the background colour of the web page.
f) Text that is placed at the top of a page or section of a page is called $\qquad$ .
2. Define the tags and write the syntax with the help of an example.
a) Heading
b) Paragraph
c) Body
d) Unordered
3. Explain the attributes of the ordered list tag.

2
4. What are the two main components of HTML file?

2
5. Define the following
$2 * 2=4$
i) Web pages
ii) Atributes

