# St. Mary's School, Dwarka <br> Holiday Homework <br> Class VII <br> Week 3 <br> Worksheet 3 

## Subject: English

## SECTION A- READING

## Q1. Read the poem carefully.

He stalks in his vivid stripes
The few steps of his cage,
On pads of velvet quiet, In his quiet rage.
He should be lurking in shadow, Sliding through long grass
Near the water hole
Where plump deer pass.
He should be snarling around houses
At the jungle's edge,
Baring his white fangs, his claws,
Terrorizing the village!
But he's locked in a concrete cell,
His strength behind bars,
Stalking the length of his cage, Ignoring visitors.

He hears the last voice at night, The patrolling cars,
And stares with his brilliant eyes
At the brilliant stars.
1.1. On the basis of your reading of the poem, answer the questions that follow: (1x5=5)
a) What does 'vivid stripes' refer to ?
b) How does the tiger move in the cage?
c) How does the tiger scare the people?
d) What kind of voices does the tiger hear?
e) At night, what does the tiger look at?

## SECTION B- WRITING

Q2. You are Ramya / Raman the Head Girl/Boy of Delhi Public School, New Delhi. Your school is organising an Inter-House Folk Dance competition for classes VI-VIII. Draft a notice for your school notice board informing the students about the same. Include details like date, time, venue etc. Your notice should not exceed 50 words.

Q3. You are Sneha/ Sarthak, residing at 24, Park Street, Kolkata 700017. Write a letter to your grandparents inviting them to the wedding anniversary celebration of your parents. Write how you plan to celebrate the occasion.

## SECTION C- GRAMMAR

Q4 Fill in the blanks with the correct form of the words given in the brackets. ( $\mathbf{1} / \mathbf{4 x} \mathbf{x}=\mathbf{2}$ ) The solar system consists of Sun and the eight planets that revolve around the Sun. The Sun is the
$\qquad$ (large) body in this system. Mercury is the $\qquad$ (small) of all the planets. It is also the $\qquad$ (near) to the Sun. Jupiter is the $\qquad$ (big) planet, nearly eleven times (e) $\qquad$ (great) in diameter than the Earth. Venus comes after Mercury but is (f)
$\qquad$ (hot) than Mercury. In size it is just a little (g) $\qquad$ (small) than the Earth.
Apart from the Sun and the Moon, Venus is the (h) $\qquad$ (bright) object in the sky.

Q5. Fill in the blanks with appropriate words:

## (1/2x4=2)

I (a) $\qquad$ (ask) you to meet me early because the show was to begin at 8:00 p.m. I tried to get tickets for that play for months and I did not want to miss it. By the time I finally left the coffee shop, where we (b) $\qquad$ (suppose) to meet I (c) $\qquad$ (be) 5 cups of coffee. I had to leave because I (d) $\qquad$ (arrange) to meet Kathy in front of the theatre.

Q6. Fill in the blanks with appropriate words: ( $1 / 4 \times 4=1$ )
I have met (a) $\qquad$ (many, each, all, every) people in my life but the person who has impressed me the most is Mahatma Gandhi. He has done so (b) $\qquad$ (a lot of, many, any, much) for the freedom of our country. Even if we all adopt (c) $\qquad$ ( any, some, many, a lot of) of his ideologies, the world would become a better place to live in. He believed in unity and said that people should not be divided on the basis of religion. God is one and (d) $\qquad$ (some, many, all, any) religions have a common goal.

## SECTION D- LITERATURE

## Answer the following questions in 20-30 words.

Q7. How did George and Harris react to narrator's suggestion of leaving the entire matter of packing to him?

## Q8. After the Sea-Ship, after the whistling winds;

After the white-grey sails,
Taut to their spars and ropes
a) Name a poetic device along with an example.
b) What are tied to the spars?

## Answer the following questions in about 80 words.

Q9. What made Jerome take on the responsibility of packing on himself? How can you say that Harris and George were the worst packers in the world?
Q. 10 Who was Jane closest to all her life? What was common between Jane and her sister Cassandra? Describe Jane's teenage writing.

## Subject: Hindi

प्रश्न-1 पक्षी हम मनुष्यों से क्या प्रार्थना करते है? आपको इस कविता से क्या प्रेरणा मिलती है?

प्रश्न-2 आपको दादी माँ के स्वभाव का कौन-सा पक्ष अच्छा लगा और क्यों? रुपष्ट कीजिए।
प्रश्न-3 काका कालेलकर ने नद्यियों को लोकमाता क्यों कहा है? आपकी माँ आपके कौन-कौन से कार्य करती है?
प्रश्न-4 'कठपुतली' कविता के माध्यम से कवि क्या कहना चाहता है? क्या आपको दूसरों के इशारों पर चलना पसंद है? तर्क सहित उत्तर दीजिए।
प्रश्न-5 पक्षी उन्मुक्त रहकरन अपनी कौन-कौन-सी इच्छाएँ पूरी करना चाहते है? आपके विचार से पक्षियों को पालना उचित है या नहीं? उदाहरण सहित बताइए।
प्रश्न-6 आप नदियों को स्वच्छ रखने के लिए क्या प्रयास्स करेंगे? कुछ सुझाव दीजिए।
प्रश्न-7 कुंती के पाँचों पुत्रों के नाम क्या-क्या थे? उनमें कौन-कौन से गुण थे?
प्रश्न-8 देवच्रत का नाम भीष्म कैसे पड़ा?
प्रश्न-9 महाराज शांतनु को गांगा से कितने पुन्रों की प्राप्ति हुई? गांगा ने उनको पानी में प्रवाहित क्यों किया?
प्रश्न-10 कर्ण की माँ का नाम क्या था? उनको सूत पुन्त्यों कहा जाता था?

## Subject - Mathematics

Q1: Evaluate: $[90-(-54)] \div[12-3 \times(-2)]$
Q2: The temperature at a place rises from $-20^{\circ} \mathrm{C}$ to $20^{\circ} \mathrm{C}$. What is the rise in temperature? (2)
Q3:(a): What should be added to -211 to get 195 ?
(b): Arrange the following integers in descending order:
(i) $-112,120,165,-150,0,-165$
(ii) $115,-151,-201,125,-226,242$

Q4: Cost of 105 envelopes is ₹ 350 . How many envelopes can be purchased for ₹ 100 ?
Q5(a): Find the perimeter of a regular hexagon with each side measuring 18 cm .
(b): Write the following as fraction in lowest terms:
(i) 0.066
(ii) 0.75

Q6: Find the area of the following in square metres:
(a) a square plot of side 16 m
(b) a piece of cloth 1 m 25 cm wide and 2 m long

Q7: Are the following ratios in proportion?
(a) $25 \mathrm{~g}: 30 \mathrm{~g}$ and $40 \mathrm{Kg}: 48 \mathrm{Kg}$
(b) $15 \mathrm{~cm}: 2 \mathrm{~m}$ and $10 \mathrm{sec}: 3$ minutes

Q8: An octopus weighed $\frac{5}{6}$ kilograms. After two weeks, its weight was increased by $\frac{3}{10}$ kilograms. But afterwards, it lost $\frac{1}{5}$ kilograms of weight as it was sick. What is its current weight?
Q9:(a) Check whether the value given in the bracket satisfies the given equation or not :
(i) $17=\mathrm{n}+7(\mathrm{n}=10)$
(ii) $y-3=11(y=3)$
(iii) $\frac{m}{2}=14(\mathrm{~m}=7)$
(b) State which is greater: $(-7-8) \times 9$ or $7-(-8 \times-9)$

Q10: Activity :
Collect the data of total runs scored by your favourite player in your favourite IPL team in last 5 years and represent the data using bar graph by choosing an appropriate scale.
(Paste the bar graph in your notebook.)

## Subject: Science

1. Which gas is released during the process of photosynthesis?
2. What is the function of guard cells of stomata?
3. Sumit left his lunchbox in the school. When he opened it the next day, he saw some blackish brown cottony stuff in it. Name the organism. Explain how does it get its nutrition.
(2)
4. The given list shows the five steps needed to do a starch test but in a random order. Arrange them in the correct sequence.
a) Pluck a leaf from the plant.
b) Boil the leaf in alcohol,
c) Wash the leaf and then add a few drops of iodine solution over it
d) Boil the leaf in water.
5. Identify the given diagram and label the following parts.

6. Why are insectivorous plants called partial heterotrophs? Explain.
7. Plants play a major role in various processes occurring on the earth and atmosphere. What would happen if all the green plants vanish from the earth? List three points.
8. Give reasons.
i) Saprotrophs are called the cleaners of the environment.
ii) For testing the presence of starch in the leaves we boil them in water.
iii) Photosynthesis takes place in the stem of the desert plant.
9. Monu is a poor farmer. He cannot spend money on buying fertilizers. What should he do to increase the fertility of the soil?
10. Label the parts of the human digestive system.


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## Subject: Social Science

Q1. How did the new capital city get the name 'Gangaikondacholapuram'?
Q2. Why do you think political awareness is an important condition for democracy?
Q3. Equality and human dignity are the core value of democracy. Explain
Q4. How are rocks and minerals useful for us?
Q5. Explain in detail the Chola administration?
Q6. Why should caste and religious sentiments not be allowed to play an important role in elections in democracy?
Q7. Why do you think a political party is called the soul of democracy?
Q8. 'Earth is a fascinating and an extraordinary planet'. Explain in your own words.
Q9. Make a colourful diagram of the rock cycle and explain its working.
Q10. Project Work
Find out about two famous Indian environmentalists who have spent several years of their lives saving the environment along with their contribution to the environment.

## Hints:

a) Jadav Payeng, Medha Patkar, Sumaira Abdulla etc.
b) Their contribution to the field environment along with the relevant pictures.
c) The work should be done in scrapbook.

## Subject-Sanskrit

प्रश्न 1 धातु रूपाणि लिखत।
(1) 'अस्स' धातु - लंगलकारः, गध्यम पुरुषः।
(2) 'अस्स' धातु - लृद् लकार॰ प्रथम पुरुषः।
(3) 'चल् ' धातु - लोद् लकार॰ उत्तम पुरुषः।
(4) 'चल्' धातु - लद्लकारू, मध्यम पुरूषः।

प्रश्न 2 थब्द रुपाणि लिखत।
(1) ' नर ' शब्द द्वितीया विभक्तिः।
(2) 'रमा ' शब्द वृतीया विभक्तिः ।
(3) ' रमा ' शब्द षष्ठी विभक्तिः ।
(4) 'नर' शब्द चतुर्थी विभक्तिः।

प्रश्न 3 मश्जुषायां प्रदत्तौ॰ उचित अव्ययपदैः रिक्तरस्थानानि पूरयत -
मश्जुषा - क्रिम्, अद्ध, च ,तत्र
(1) ------ एकः सरोवर»\% अस्ति
(2) ------ मम जन्मदिवसः अच्ति।
(3) सुनीलะ कबीर॰ ------ मित्रे स्तः।
(4) त्वम् ------ करोषि ?

प्रश्न 4 अधोलिखितेषु रिक्तसंथानेषु प्रकृति प्रत्ययं स्संयोज्य वाक्यपूतिंति क्षुऊत -
(1) राधा ------ ( हस्स् + क्त्वा ) कार्यम् करोति।
(2) स॰ ------ ( चल् +क्त्वा) गृहम् गच्छति।
(3) रहीन॰ ------ ( पठ् + क्त्वा ) खेलनाय गच्छति।
(4) तुलसी भोजनम् ------ ( खाद्+ क्त्वा ) शयनम् करोति।

प्रश्न 5 कोष्ठके प्रदत्त्वः उचित संख्या पदेः रिक्तस्थानानि पूरयत -
(1) राधिकाया॰ समीपे ------ आग्राणि सन्ति। ( 16 )
(2) गृहे ------ जना॰ सन्ति । (5)
(3) मम समीपे ------ कलमानि सन्ति। ( 10 )
(4) उद्याने ------ बालकाः कीडन्ति। ( 18 )

## Subject: Computer Science

Lesson 1- Introduction to HTML
Lesson 2 - Creating web pages using HTML

1. Define the following. $\quad 1 \times 3=3$
a) Hyperlink
b) Definition List
c) Directory Listings
2. Differentiate between.
a) Static and Dynamic Pages
b) Container and Empty tags
c) Ordered and Unordered list
3. Answer the following questions.
a) Write the steps to save an HTML file.
b) Write short note on points to consider while using attributes with the tags.
c) Write a short note on Paragraph and Line breaks.
