WINTER BREAK HOLIDAY HOMEWORK
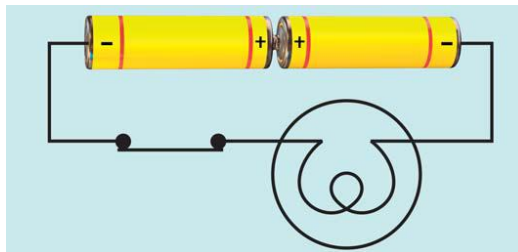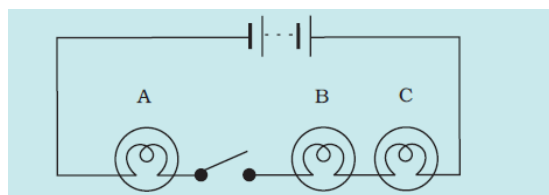
CLASS VII

SUBl: SCIENCE

1) What will happen if there are no platelets in the blood?
2) What are the components of blood?
3) Describe the function of the heart
4) Draw a diagram of the human excretory system and label the various parts.
5) Sketch the reproductive parts of a flower.
6) State the main difference between asexual and sexual reproduction.
7) Explain the difference between self-pollination and cross-pollination.
8) Describe the various ways by which seeds are dispersed.
9) A simple pendulum takes 32 s to complete 20 oscillations. What is the time period of the pendulum?
10) Salma takes 15 minutes from her house to reach her school on a bicycle. If the bicycle has a speed of 2 m/s, calculate the distance between her house and the school.
11) Show the shape of the distance-time graph for the motion in the following cases:
    (i)   A car moving with a constant speed.
    (ii)   (ii) A car parked on a side road.
12) Draw a pie chart showing composition of air.
13) The bulb in the circuit shown in Following figure does not glow. Can you identify the problem? Make necessary changes in the circuit to make the bulb glow.

14) When the current is switched on through a wire, a compass needle kept nearby gets deflected from its north-south position. Explain.
15) In the circuit shown in the following Fig.

16) State the characteristics of the image formed by a plane mirror.
17) What is a virtual image? Give one situation where a virtual image is formed.
18) State two differences between a convex and a concave lens.
19) Give one use each of a concave and a convex mirror.
20) Which type of mirror can form a real image?

Sub: Computer

1. What is Marquee tool and write different type Marquee tool.
2. What is elliptical Marquee?
3. What is single column Marquee?
4. What is single row Marquee?
5. What is rectangular Marquee?
6. What is lasso tool?
7. What is polygonal lasso?
8. What is magnetic lasso?
9. What is magic wand?
10. What is Crop Tool?
11. What is Slice Tool?
12. What is Slice select Tool?
13. What is Measuring Tool?
14. What is Eyedropper Tool?

Subject - Sst

1. Write about the idea of Shankara And Ramanuj?
2. Who were Alwars and Nayanars?
3. Write about the administration of Gonds and Ahoms?
4. Who were tribes?
5. What is Guru Granth Sahib?
6. Who were Sufis?
7. What is Khanqahs?
8. Explain the varies features of Coniferous forest?
9. What are the characteristics of tropical evergreen forests?
10. What do you understand by temporary settlement?
11. Distinguish between compact and scattered settlement?
12. Write about the climate and life of people of Amazon Basin?
13. Write about the life of people in Ganga-Brahamputra basin. Explain
14. What is the main occupation of people in Ganga-Brahamputra basin. Explain
15. Write a note on tropical rain forest.
16. What do you know about Khabar Laharia?
17. In what ways does media plays a significant role in democracy?
18. What is branding? How does advertisement attract people's attention?

19. What are the advantages of market in the neighborhood?
20. Write a note on weekly market?

MATHS HOLIDAY HOMEWORK

(CLASS VII)

Q1) A cement company earns a profit of Rs. 8 per bag of white cement sold and a loss of Rs. 5 per bag of grey cement sold.

(a) The company sells 3000 bags of white cement and 5000 bags of grey cement in a month. What is its profit or loss?

(b) What is the number of white cement bags it must sell to have neither profit nor loss, if the number of grey bags sold is 6400 bags.

Q2) An elevator descends into a mine shaft at the rate of 6 m/min. If the descent starts from 10m above the ground level, how long will it take to reach -350 m.

Q3) Salil wants to put a picture in a frame. The picture is $7\frac{3}{5}$ cm wide. To fit in the frame the picture cannot be more than $7\frac{3}{10}$ cm wide. How much the picture should be trimmed?

Q4) Set up an equation in the following case:

(a) Laxmi's father is 49 years old. He is 4 years older than three times Laxmi's age.

(b) In an isosceles triangle, the vertex angle is twice either base angle.

Q5) Let l be a line and P be a point not on l. Through P, draw a line m parallel to l. Now join P to any point Q on l. Choose any other point R on m. Through R, draw a line parallel to PQ. Let this meet l at S. What shape do the sets of parallel lines enclose?

Q6) A door of length 2 m and breadth 1 m is fitted in a wall. The length of the wall is 4.5 m and the breadth is 3.6 m. Find the cost of white washing the wall, if the rate os white washing the wall is Rs. 20 per m^2.

Q7) Shazli took a wire of length 44 cm and bent it into the shape of a circle. Find the radius of that circle. Also find its area. If the same wire is bent into the shape of a square, what will be the length of each of its sides? Which figure encloses more area, the circle or the square? (Use $\pi = \frac{22}{7}$)

Q8) Write at least 10 formulae of Mensuration.

Q9) Simplify:

(a) $25 \times 5^2 \times t^8 / 10^3 \times t^4$

(b) $3^5 \times 10^5 \times 25 / 5^7 \times 6^5$

Q10) Simplify and write the answer in exponential form:

(a) $[(2^2)^3 \times 3^6] \times 5^6$

(b) $(6^2 \times 6^4) \div 6^3$

<h2 style="text-align:center">शीतकालीन गृह कार्यम्   2019 - 2020</h2>

<p style="text-align:center">विषय: - संस्कृतम्   कक्षा - सप्तमी (7th)</p>

<h3 style="text-align:center">खण्ड: (क) अपठितावबोधनम्</h3>

(1) निम्नलिखितम् अनुच्छेदं पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि लिखत -

<h3 style="text-align:center">खण्ड: (ख)   पठितावबोधनम्</h3>

(2) पूर्णवाक्येन प्रश्नानाम् उत्तराणि लिखत -

(3) रेखाङ्कितानि पदानि आधृत्य प्रश्ननिर्माणं कुरुत -

(4) प्रश्नानाम् उत्तराणि एकपदेन लिखत -

(5) एकपदेन उत्तरत् -

(6) उपयुक्तकथनानां समक्षम् ' आम् ' अनुपयुक्तकथनानां समक्षम् ' न ' इति लिखत -

<h3>खण्डः -   (ग)   रचनात्मकलेखनम्</h3>

(7) मञ्जूषायाः सहायतया अधोदत्तम् प्रत्येकम् अनुच्छेदं पूरयत -

(8) चित्रं दृष्ट्वा मंजूषातः पदानि च प्रयुज्य वाक्यानि रचयत -

<h3 style="text-align:center">खण्डः (घ) अनुप्रयुक्त व्याकरणम्</h3>

(9) सन्धि - विच्छेदं पूरयत -

(10) रेखाङ्कितानि पदानि संशोध्य लिखत -

(11) मञ्जूषातः समानार्थकपदानि चित्वा लिखत -

(12) उदाहरणानुसारं "स्म" शब्दं योजयित्वा भूतकालिकक्रियां रचयत –

गृह कार्य 7 कक्षा (विषय हिंदी)

1 . निम्नलिखित शब्दों के 3-3 पर्यायवाची लिखिए-

कमल,भूमि,महादेव,आग

2. निम्नलिखित शब्दों के विलोम शब्द लिखिए -

कृत्रिम,आकाश, लघु,देश

3. निम्नलिखित शब्दों मेंसे प्रत्यय छांटकर लिखिए-

धार्मिक,मतवाला, कडवाहट,औद्योगिक

4. निम्नलिखित शब्दों मेंसे उपसर्ग छांटकर लिखिए-

परिवार,आजन्म, निर्धन, पराजय

5. निम्नलिखित मुहावरों का अर्थ लिखिए और वाक्य में प्रयोग करे।

    1.नौ दो ग्यारह होना

    2. आँखे लाल होना

6. रहीमदास जी का कोई एक दोहा लिखें?

7. आंख में तिनका पडने पर घमंडी की क्या दशा हुई ?

8. खानपान के बदलाव के क्या क्या फायदे है ?

9. मोर मोरनी के नाम किस आधार पर रखें गये है ?

10. पाठ के आधार पर सावन की क्या क्या विशेषताएँ है?

SUBJECT: ENGLISH

TIME: 1 ½ HRS

NOTE: ATTEMPT ALL THE QUESTIONS CAREFULLY.

SECTION A- READING [10 MARKS]

Q.1- Read the following passage carefully and answer the questions given below:

One day, the old emperor Shah Jahan became ill. His son' Aurangzeb, who always wanted to be the emperor, put his father in jail. Jahanara Beghum, the eldest child of Shah Jhan, did not leave her father and went to jail along with him. She said, "I shall share the sufferings of my father. He needs me in his old age, and I shall never leave him."

Shah Jahan lived in the jail for seven years and then he died. During that period, princess Jahanara stayed with him and took care of him. After the death of her father, she returned back to her town palace. She continued to live there and spent the rest of her life serving the needy and the poor. Before her death, she gave away all her money to the poor and the needy.

Questions:

    (i)   What did Aurabgzeb do when his father fell ill?   [2]

    (ii)   What did Jahanara do before her death?   [2]

(iii)   Find words from the passage which mean the same as: (a) king (b) sick
         [2]
(iv)   Construct a sentence by using the word 'sufferings'   [2]
(v)   Give a suitable title for the passage.   [2]

SECTION-B WRITING [6 MARKS]

Q.2- (i) You visited an orphanage. The children there were very happy to see you. Write a diary entry describing how you feel about it. [3]

   (ii) write a short paragraph on the topic given below: [3]

'Clean India, Green India' **OR** 'A memorable trip'