



SRI VIDYALAKSHMI INTERNATIONAL PUBLIC SCHOOL

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Holiday Assignment -2019-2020

Class : IX Standard

SUBJECT : KANNADA

೧. ಕೊಟ್ಟಿರುವ ವಿಷಯವನ್ನು ಕುರಿತು ಪ್ರಬಂಧ ಬರೆಯಿರಿ.

" ರಾಷ್ಟ್ರೀಯ ಭಾವೈಕ್ಯತೆ".

೨. ನಿಮ್ಮ ನಗರಕ್ಕೆ ನೀರಿನ ಸೌಲಭ್ಯ ಕಲ್ಪಿಸಿಕೊಡುವಂತೆ ಕೋರಿ ಸಂಬಂಧ ಪಟ್ಟ ಅಧಿಕಾರಿಗಳಿಗೆ ಪತ್ರ ಬರೆಯಿರಿ.

೩. ಹೆಚ್ಚುತ್ತಿರುವ ಪರಿಸರ ಮಾಲಿನ್ಯವನ್ನು ಕುರಿತು ವರದಿ ರಚಿಸಿ.

೪. ಹೊಸಗನ್ನಡ ಮತ್ತು ಹಳಗನ್ನಡ ವಿಭಕ್ತಿ ಪ್ರತ್ಯಯಗಳನ್ನು ಬರೆಯಿರಿ.

೫. ಯಾವುದಾದರೂ ಮೂರು ಗಾದೆಗಳನ್ನು ವಿಸ್ತರಿಸಿ ಬರೆಯಿರಿ.

೬. ಉದಾಹರಣೆ ಸಹಿತ ಸಂಧಿಗಳನ್ನು ಬರೆಯಿರಿ.

೭. ಧಾತು ರೂಪಗಳನ್ನು ಬರೆಯಿರಿ. (೧೦)

೮. ತತ್ಸಮ-ತದ್ಭವ ಮತ್ತು ಜೋಡುನುಡಿ, ದ್ವಿರುಕ್ತಿಗಳನ್ನು ಬರೆಯಿರಿ. (೧೫ ಮಾತ್ರ).

೯. ಕಾಲಗಳನ್ನು ೧೦ ಉದಾಹರಣೆಯೊಂದಿಗೆ ಬರೆಯಿರಿ.

೧೦. ಪಾರಿವಾಳ ಪದ್ಯದ ಸಾರಾಂಶವನ್ನು ನಿಮ್ಮ ಮಾತುಗಳಲ್ಲಿ ಬರೆಯಿರಿ.

SUBJECT : HINDI

१ पाँच हिंदी कवियों के नाम और कवियों के बारे में लिखिए

२ कोरोना वॉरस के बारे में कर्नाटक सरकार की योजनाओं के बारे में लिखिए।

३ पाँच भारत के प्रसिद्ध सथलो के बारे में लिखिए।

४ पाँच पत्र लेखन लिखिए।

५ अनुच्छेद लेखन लिखिए।

अ गरीबों की बस्तियां

आ योगदिवस।

६ दस पृतयय, उपसर्ग शब्द लिखिए।

७ किन्हीं तीन अनुच्छेद विषय पर परियोजना तैयार कीजिए।

- ८चार संवाद लेखन लिखिए।
९ दस विलोम शब्द लिखिए।
१० दस अन्य लिंग शब्द लिखिए।

SUBJECT : SCIENCE

I. Name the organ cells which shows the analogy written as under:

1. Transporting channels of the cell
2. Power house of the cell.
3. Packaging and dispatching unit of the cell
4. Digestive bag of the cell
5. Storage sacs of the cell
6. Kitchen of the cell
7. Control room of the cell

II Fill in the blanks:

1. The cell was discovered by _____
2. The largest cell organelle in animal cell is _____
3. Lysosome is also called _____
4. Ostrich's egg is the _____ cell.
5. The part between plasma membrane and nucleus is the _____
6. Slope of a velocity- time graph gives _____
7. Area under v-t graph represents a physical quantity which has the unit _____
8. If the displacement of an object is proportional to square of time, then the object moves
With _____
9. _____ is the phenomenon of changing of a liquid into vapour.
10. The boiling point of water _____

III. Match the following:

- | | |
|-----------------------|-----------------|
| 1. Robert Brown | Ribosomes |
| 2. Robert Hooke. | Nucleus |
| 3. Camillo Golgi. | Cytoplasm |
| 4. Kolliker. | Plasma membrane |
| 5. Palade. | Cell walls |
| 6. Chromatin network | ribosomes |
| 7. Transport protein. | Nucleus |
| 8. Cellulose. | Cytoplasm |
| 9. Ectoplasm. | Plasma membrane |

IV. Answer the following:

1. Give reason why gases exert pressure on the walls of container.
2. Distinguish between solids, liquids and gases
3. The molecules of water have more energy as compared to molecules of ice at same temperature. Justify the statement.
4. Is displacement a scalar quantity.
5. What does the area under the velocity- time graph give?
6. Why is the motion of a circulating fan non- uniform?
7. List the constituents of plasma membrane.
8. Why is epidermis important for the plants?
9. Mention three characteristics features of xylem.
10. How does cork act as a protective tissue?

V. Draw the following diagrams:

1. Plant cell
2. Animal cell
3. Mitochondria
4. Plastids
5. Endoplasmic reticulum
6. Golgi bodies
7. Meristematic tissue
8. Parenchyma tissue
9. Collenchyma tissue
10. Sclerenchyma tissue
11. Xylem and phloem
12. Distance time graph

VI. Derive all the three equations of motion by mathematical and graphical method.**SUBJECT: SOCIAL SCIENCE**

- I. Read the text books thoroughly.
(Only the lessons completed).
- II. “What according to you is the border meaning of democracy”?
And
“Why democracy considered the best form of government”.
Discuss in more than 200 words.
- III. Quote some points about the Father of our Nation. “Dr.B.R.Ambedkar and the constitution of India”.

IV. Design the outline map of India with its size and location.

V. Write about Education and Technology.

VI. Students and children are addicted to mobile phones. Write advantages and disadvantages.

VII. Children are tortured physically and mentally in television shows.

Discuss about it

SUBJECT:ENGLISH

- I. "Read the text books thoroughly" (only lessons completed).
- II. "Life with lot of confusions but take a lead in the proper direction" Elaborate with your own ideas.
- III. Throw light on Education after 50 years from now, you encourage or discourage. Analyse and write with reference to L-1 in beehive book.
- IV. Write a 'New Article' to your school magazine about 'Yoga physical Education' and its importance.
- V. "Family value and importance of our parents in our life". Write a diary writing.
- VI. Write about the havoc created by 'Corona Virus' and its effects on public in more than 150 words.
- VII. Create your choice of word building from letter A-Z. Each letter maximum 10 words (special words).
- VIII. Write a story about "Proving yourself to be brave hero rescuing a dog from a big gutter"
- IX. Write a descriptive paragraph about the festival of Christmas at vidyalakshmi.
- X. Music creates percussion in our body and soul producing positive energy within us". Explain with your own ideas

SUBJECT:MATHS

1. Write all formulas related to laws of exponents and powers and Herons formula.
2. Find the area of a right-angled triangle whose base is 12 cm and height is 5 cm.
3. Find the area of an equilateral triangle with side 10 cm.
4. Find the area of an isoscles triangle with two equal sides as 5 cm each and the third side as 8 cm.
5. A triangular park has sides 120 m, 80 m and 50 m. A gardener has to put a fence all around it and also plant grass inside. How much area does he need to plant? Find the cost of fencing it with barbed wire at the rate of Rs. 20 per metre, leaving a space of 3 m wide for a gate on one side.
6. The sides of a triangular plot are in the ratio of 6 : 7 : 8 and its perimeter is 420 m. Find its area.

7.. A farmer has a triangular field with sides 240 m, 200 m and 360 m, where he grew wheat. In another triangular field with sides 240 m, 320 m and 400 m adjacent to the previous field, he wanted to grow potatoes and onions . He divided the field into two parts by joining the mid point of the longest side to the opposite vertex and grew potatoes in one part and onions in the other part. How much area (in hectares) has been used for wheat, potatoes and onions?

Now $10,000 \text{ m}^2 = 1 \text{ hectare}$

8. Students of a school staged a rally for cleanliness campaign. They walked through the lanes ABCD (trapezium) in two groups. One group walked through the lanes AB, BC and CA; while the other through AC, CD and DA. Then they cleaned the area enclosed within their lanes. If $AB = 9 \text{ m}$, $BC = 40 \text{ m}$, $CD = 15 \text{ m}$, $DA = 28 \text{ m}$.Which group cleaned more area and by how much? Find the total area cleaned by the students (neglecting the width of the lanes).
9. Parul has a piece of land which is in the shape of a rhombus . She wants her daughter and son to work on the land and produce different crops. She divided the land in two equal parts. If the perimeter of the land is 400 m and one of the diagonal is 160 m, how much area each of them will get for their crops?
10. Find the height of a trapezium in which parallel sides are 25 cm 77 cm and non-parallel sides and 26 cm and 60 cm. Given the area of the trapezium as 1644 cm^2 .
11. What is the area of an equilateral triangle whose side is 2 cm?
12. Find five rational numbers between 1 and 2.
13. Find five rational numbers between $\frac{3}{5}$ and $\frac{4}{5}$.
14. Locate $\sqrt{3}$ on the number line.
15. Are the square roots of all positive integers irrational? If not, give an example of the square root of a number that is a rational number.
16. Find the decimal expansions of $\frac{10}{3}$, $\frac{7}{8}$ and $\frac{1}{7}$.
17. Show that $0.3333\dots = 0.\overline{3}$ can be expressed in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$.
18. What can the maximum number of digits be in the repeating block of digits in the decimal expansion of $\frac{1}{17}$? Perform the division to check your answer.
19. Find three different irrational numbers between the rational numbers $\frac{5}{7}$ and $\frac{9}{11}$.
20. Visualise 3.765 on the number line, using successive magnification

21. Add $2\sqrt{2} + 5\sqrt{3}$ and $\sqrt{2} - 3\sqrt{3}$.

22. Simplify: $(\sqrt{3} + \sqrt{7})(\sqrt{3} - \sqrt{7})$

23. Rationalise the denominator of $1/[7 + 3\sqrt{3}]$.

24. Represent $\sqrt{9.3}$ on the number line.

25. Simplify:

(i) $7^{2/3} \cdot 7^{1/5}$

(ii) $10^{1/2} / 10^{1/4}$