STEPHENS

INTERNATIONAL PUBLIC SCHOOL

Holidays' Homework

Session – 2024-25

Class : 8th

Subject : English

Q1. Make a flow chart on tenses. Write rules with proper examples.

Q2. Read the chapters, 'We are Catalysts of Change' and 'When the Mop Count Did Not Tally' and make a dictionary of new words in a chronological order. (50 words)

Q3. Collect information about your favourite author/ sportsperson. Write his/ her biography in about 200 words. Beautify your writing by pasting pictures of the person too.

Q4. Listen to a music programme on Radio. Accordingly prepare a script for a Radio Show.

Q5. Write an inspirational story or a narrative poem of your choice. The work should be original reflecting your imagination, creativity and writing skills.

विषय – हिन्दी

1. यातायात के नियमों की अनदेखी के चलते अकसर लोग दुर्घटना के शिकार होते हैं। इस संबंध में जागरूकता फैलाने हेतु 'हेल्मेट' का विज्ञापन बनाएँ।

2. क्रिया की परिभाषा सहित भेद–उपभेद का रचनात्मक पोस्टर बनाएँ।

3. पाठ – 5 से 9 का अध्ययन व उच्चारण का अभ्यास करें एवं बीस–बीस कठिन शब्द छाँट कर लिखें।

4. 'पर्यावरण से संबधित जानकारी प्राप्त करने हेतु आप अपने विद्यालय के साथ एक दिवसी यात्रा पर गए थे। उसके व्यवस्थित कार्यक्रम की जानकारी अपने मित्र के साथ साँझा करते हुए पत्र लिखें।

5. मिड–टर्म से संबंधित कक्षा में करवाए गए व्याकरण व पाठ्यक्रम भाग की दोहराई करें।

Subject : Mathematics

Q1. Simplify $\left(\dfrac{3}{4} + \dfrac{5}{6}\right) + \dfrac{7}{8}$.

Q2. Divide the sum of $\dfrac{3}{8}$ and $\dfrac{-5}{12}$ by the reciprocal of $\dfrac{-15}{8} \times \dfrac{16}{27}$.

Q3. Find the product of additive inverse and multiplicative inverse of 7.

Q4. If $5^{2x+1} \div 25 = 125$, find the value of x.

Q5. Write 1024 in exponential form.

Q6. Write 9030000000 in standard form.

Q7. Factorize: $25p^2 - 80pq + 64q^2$

Q8. If $2x - \dfrac{1}{2x} = 13$, find the value of $4x^2 + \dfrac{1}{4x^2}$.

Q9. In a well shuffled deck of 52 cards, what is the probability of getting

    (a)   a red face card

    (b)   10 of spade

Q10. A dice is thrown, find the probability of getting

    (a)   a prime number

    (b)   2 or 4

    (c)   a multiple of 2 or 3

ACTIVITY

- Make a booklet of tables 2 to 25.
- Make a model of geometrical city. You can make geometrical city project of your own choice. **(Roll No. 1 to 20)**
- Clay modeling for types of quadrilaterals using straws. **(Roll No. 21 onwards)**

Subject : Science

Section – A

(I) Very short answer type questions:-

(a) Name two modern methods of irrigation.

(b) Name any three fertilizers.

(c) Name two common food preservatives used at our homes.

(d) Name any two antibiotics.

(e) Which fuel is used in jet aeroplanes?

(f) Give the name of the fuel which is non-polluting and used in vehicles.

(g) Name the only non metal which is hard.

(II) Short answer type questions:-

(a) Iron is coated with zinc, even though zinc is more reactive than iron. Why?

(b) What is an alloy? Give its two examples.

(c) Why are bells in temples not made of wood?

(III) Long answer type questions:-

(a) Write a note on formation of coal.

(b) Write any five physical properties of metal and non-metal.

(c) Complete the following reactions.

1. $2 Cu + H_2O + CO_2 + O_2 \rightarrow$

2. $SO_2 + H_2O \rightarrow$

3. $2Na + 2H_2O \rightarrow$

4. $2Al + 2 NaOH + 2H_2O \rightarrow$

Section – B

You know that tiger is an endangered species. To prevent tigers from becoming extinct 'Project Tiger' was launched by the Government of India. Since then tiger population has increased.

(a) Write a note on Project Tiger and paste pictures related to the topic.

(b) On an outline map of India, mark the places where considerable number of tigers are found.

(c) Which city is the tiger capital of India? Why?

(d) Which was the first tiger reserve in India?

Subject : Social Science

1. **PROJCET WORK**
   - Initiate a project work focusing on the Freedom Movement in India that played a crucial role in the formulation of the country's constitution.
   - Following points need to be mentioned in the project file.
     - Key leaders and events from the Freedom Movement that influenced the framing of the Constitution.
     - Relevance of Constitutional values.
     - Pictures of leaders of the Freedom Movement

2. **ACTIVITY**
   - Plan an activity on the separate file showing the different cropping patterns in India, particularly focusing on

1.	Kharif crops	2.	Rabi crops
3.	Zaid crops	4.	Plantation crops
5.	Mixed crops	6.	Cash crops

   Note : Along with the description of different crops, paste their real specimen in order to make your activity interesting.

3. **Answer the following questions.**
   1. Describe the Barter system.
   2. Explain the five major factors that pose a challenge to agriculture in India.
   3. With the help of flowchart, list the different types of industries.

4. **Map Work.**
   On the physical map of India, mark and label the following areas:-
   (i) Cotton Textile Industries
   (ii) Iron and Steel Industries
   (iii) Battles of Plassey and Buxar

HOTS

1. Why is having a Constitution crucial for a country's governance and stability?
2. How do climate and weather impact crop growth and productivity?
3. How are private sector industries different from public – sector industries?

Subject : Computer

1. Discuss the types of topologies and paste its pictures.

2. Create a table in Access 2019, displaying the details of the residents of society.

3. Look at the given table, and answer the following questions.

Roll number	Name	DOB	Total Mark
101	A	19-12-1998	87
102	B	9-2-1992	90
103	C	9-1-2000	76
104	D	8-12-2004	85
105	E	1-12-1997	77

(i) How many records are there in the table?

(ii) Which element of the table is Name?

(iii) What is the data type of the following:-

    A. Roll number:

    B. Name:

    C. Total marks:

    D. DOB:

Subject : Art

- **Make a decorative flower basket using any decorative material of your choice.**