



STEPHENS

INTERNATIONAL PUBLIC SCHOOL



Holidays' Homework

Session – 2023-24

Class : 8th

General Instructions:

- 1. Use assignment sheets to do all the written work.**
- 2. Use a separate file (use A4 sheets) for project and activity work.**
- 3. Make separate file for each subject.**
- 4. Do your work neatly and beautify it.**
- 5. Revise Pre Mid Term Syllabus.**

Subject : English

- Q1. Make a flow chart on tenses. Write rules with proper examples.
- Q2. Read the chapter, 'Think to Win' and make a dictionary of new words in a chronological order.
- Q3. Make a puppet with the help of 'pop sticks' of your favorite comedian/cartoon character and frame dialogues related to it.
- Q4. Visit a historical monument / a religious place or a place of excursion with your family and friends during vacation. Write a detailed description of the place and beautify your writing by pasting pictures of the happy moments spent there.
- 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. इंटरनेट की सहायता से चिकित्सा के क्षेत्र में नोबेल पुरस्कार पाने वाले व्यक्तियों के चित्र चिपकाकर उनके नाम लिखें।
2. "अंग्रेज़ी खेलों की तुलना में भारतीय खेलों का क्या महत्त्व है।" दिए गए विषय पर अनुच्छेद लिखिए।
3. अपनी शहर की विशेषताओं का उल्लेख करते हुए अपने मित्र को छुट्टियों में आमंत्रित करते हुए पत्र लिखिए।
4. आपके घर में कोई मिट्टी का बर्तन या कोई प्लास्टिक बोतल हो तो उसे एक आकर्षक रूप देते हुए एक सुंदर फूलदान तैयार करें।
5. कोई एक स्वयं रचित कहानी अथवा कविता चित्रों सहित लिखें अथवा कोई पाँच मनोरंजक पहेलियाँ और चुटकुले लिखें।



Subject : Mathematics

A. Very short answer type questions:-

1. The additive inverse of $\frac{19}{-6}$ is _____.
2. Reciprocal of $\frac{1}{x}$, where $x \neq 0$ is _____.
3. $5^3 - 5^3 \div 5^2 - 5^2 =$ _____.
4. The _____ angles of an isosceles trapezium are equal.
5. _____ is the multiplicative identity for rational numbers.
6. 0 is a whole number but it is not a rational number. (True / False)
7. The multiplicative inverse of 6 is $\frac{1}{6}$. (True / False)
8. $(3)^{-2}$ can be written as $\frac{1}{(3)^2}$. (True / False)
9. All kites are rhombus. (True / False)
10. The value of $\left[\frac{-2}{3}\right]^4$ is $\frac{-16}{81}$. (True / False)

B. Short answer type questions:-

1. Represent $\frac{7}{4}$ and $\frac{-3}{6}$ on the number line.
2. Find the value of $\frac{1}{3^{-2}}$.
3. Find three rational numbers between $\frac{3}{5}$ and $\frac{5}{4}$.
4. Evaluate: $\frac{8^{-1} \times 5^{+2}}{2^{-4}}$
5. The angles of a quadrilateral are in the ratio of 2 : 3 : 5 : 8. Find the measure of each angle.
6. Simplify: $\frac{3^{-5} \times 10^{-5} \times 125}{5^{-7} \times 6^{-5}}$

C. Long answer type questions:-

1. The sum of two numbers is $\frac{3}{4}$. If one number is $\frac{1}{8}$, find the other number.

2. Find the three rational numbers between $\frac{1}{3}$ and $\frac{2}{3}$ by using mean method.
3. Simplify: (i) $\left\{ \left[\frac{1}{3} \right]^{-2} - \left[\frac{1}{3} \right]^{-3} \right\} \div \left[\frac{1}{4} \right]^{-2}$
- (ii) $\left[\frac{5}{8} \right]^{-7} \times \left[\frac{8}{5} \right]^{-5}$
4. Find the value of n :-
- (i) $5^n \div 5^{-3} = 5^5$
- (ii) $(-3)^{n+1} \times (-3)^5 = (-3)^7$
5. The measure of two adjacent angles of a parallelogram are in the ratio of 3 : 2. Find the measure of each of the angles of the parallelogram.
6. Simplify using distributive property of rational numbers.
- (i) $\frac{-3}{4} \left[\frac{2}{3} + \left(\frac{-5}{6} \right) \right]$
- (ii) $\left[\frac{2}{11} \times \frac{11}{8} \right] \times \frac{4}{7}$

Activity:-

Show that opposite angles of a parallelogram are equal by paper cutting and pasting.



Subject : Science

Section – A

Q1. Very short answer types questions:-

- (a) Name two main 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) Name any two viral diseases.
- (f) Which fuel is used in jet aeroplanes?
- (g) Give the name of fuel which is non-polluting and used in vehicles.
- (h) Name the part of cell which contains organelles.
- (i) Name two parts which are present in a plant cell but not in an animal cell.
- (j) Which is the longest cell in our body?

Q2. Short answer types questions.

- (a) List three effects of earthquake.
- (b) What are the harmful effects of lighting?
- (c) Objects made of silver become black with passage of time. Explain
- (d) Milk + curd $\xrightarrow{(a)}$ (b) $\xrightarrow{(c)}$ (d) .
- (e) Write down the names of vaccines given for the following.
 - (i) Polio
 - (ii) Tuberculosis
 - (iii) Small pox
 - (iv) Tetanus

Q3. Long answer type questions:-

- (a) Name the causative agent and preventive measures for the following diseases.
 - (i) AIDS
 - (ii) Tuberculosis
 - (iii) Cholera
 - (iv) Malaria
 - (v) Tetanus
- (b) Draw a well labelled diagram of an animal cell. Explain any of its five parts.
- (c) Draw a labelled diagram to illustrate nitrogen cycle.
- (d) Differentiate between Nitrification and Denitrification.
- (e) Discuss four methods of food preservation.

Section – B

Practical skills

1. Do any one of the following:-

- (a) Various steps involved in the purification of river or lake water for drinking purpose.
- (b) Solar system

- (c) Shapes of moon
 - (d) Different constellation (At least 4)
2. Mars has always fascinated the humans. The ISRO launched Mars Orbiter Mission (MOM) which successfully entered the mars orbit in 2014. Collect information on MOM. Paste pictures related to the topic.



Subject : Social Science

General questions:

A. Read the chapter 'The Uprising of 1857' and answer the following questions.

- (i) Write down the immediate causes of The Revolt of 1857.
- (ii) What are the consequences of the Revolt of 1857?

B. Read the chapter 'The Need of Parliament' and answer the following questions.

- (i) Distinguish between Lok Sabha and Rajya Sabha.
- (ii) Mention the powers of the President.

Activity

- (i) On an outline map of India, mark the following.
 - (a) Iron and steel industries
 - (b) Textile industries
- (ii) Make a comparative study between Art, Culture and Music of Gujarat and J&K.

Project work

- Plantation started in India in 19th century. The European planters exploited the Indian workers. After Independence, the government of India passed many laws to protect the workers' rights. Prepare a project report on the 'conditions of workers in independent India'.

Subject : Computer

- Discuss the types of topologies and paste its pictures.
- Make the employee database having information about employee.

Note:- Take print out of all the pages and compile it in a folder. Design an attractive cover for your file / folder.

Subject : Art

- Make a beautiful wall hanging or ceramic art. (Any one)

Subject : Urdu

سوال نمبر ۱: لکھنے کی مشق کے لئے سبق نمبر ۵ "فوشامد کا نتیجہ" کو صاف صاف اپنی کاپی پر لکھیں

Write lesson no. 5 on your notebook neatly

سوال نمبر ۲: مندرجہ ذیل صروف آئی ضد تحریر کریں

Write the opposite of the following words

کڑوا ، آہستہ ، شور ، بیٹا ، حرام
سبچ ، نیلی ، موت

سوال نمبر ۳: مندرجہ ذیل صروف الفاظ کے جمع لکھیے:

Write the plural of the following words:

خبر ، ننھی ، کاغذ ، کاپی ، مدرسہ
گھڑی ، کرسی ، ٹھیلہ ، کتاب ، لڑکا

سوال نمبر ۴: ذیل میں دیے گئے الفاظ کے صروف آواک اٹک لکھیے

Break the alphabets of the following words:

زمین ، نظارے ، سمندر ، تاریکی ، خوشبو

ستارے ، سمندر ، شریک ، فضیلت ، مخلوق

کاشتینات ، فوشامد -