

STEPHENS

INTERNATIONAL PUBLIC SCHOOL



Holidays' Homework

Session – 2021-22

Class : 8th

Subject : English

Task 1

(i) Point out the nouns in the following sentences and say whether they are common, proper, collective, material or abstract.

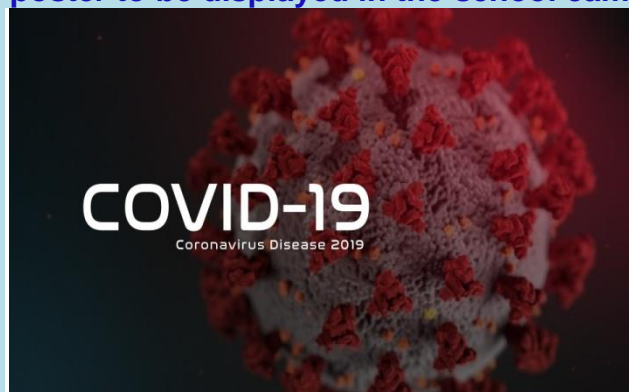
1. Always speak the truth.
2. We all love honesty.
3. I have two children.
4. The lion is the king of the beasts.
5. Solomon was the wisest of all kings.
6. Cleanliness is next to godliness.
7. Birds of a feather flock together.
8. Who teaches you grammar?
9. The Nile is the longest of all rivers.
10. A committee of six was appointed to assess the situation.
11. Jawaharlal Nehru was the first Prime Minister of India.
12. The boy was rewarded for his honesty.
13. He gave me an apple.
14. I recognized his voice at once.
15. You should never tell a lie.
16. Wisdom is better than riches.
17. He is on the jury.
18. Silver and gold are precious metals.
19. Still waters run deep.
20. The cackling of geese saved Rome.

(ii) Fill in the blanks using suitable forms of the adjectives given in brackets.

1. Sujata is the (quiet) and (unassuming) person I have come across while Akshay is the (fun-loving). I cannot digest the fact that they have become one of the (quarrelsome) couples that I know.
2. Nishith is looking for the (cheap) apartment he can get. Of all the flats that he has seen, he is (happy) about the one (near) my house.
3. Of all the students in my class. Abhishek is the (maladjusted). Luckily for him, his instructors are (patient) towards him than his classmates.

Task 2

You are making an effort to spread the message of awareness about Covid-19. Design an attractive poster to be displayed in the school campus.





Task 3

India is a land of diversity. One way in which it makes us feel proud of it is the number of festivals we enjoy. Write an article in 150-200 words on 'Festivals of India'. You are Karuna/Karan.

Task 4

Read the passage carefully.

- (1) Power foods are foods that provide rich levels of nutrients like fibre, potassium and minerals. With people becoming increasingly health conscious today, a lot of fitness trainers encourage their clients to include these foods in their daily diet to increase muscle development. There are various ways of incorporating power foods in your daily diet. Of course, the key to enjoying power foods is proper preparation of these foods, the use of season-fresh foods, and indentifying your choice of flavour among power foods.
- (2) Some of the recommended power food combinations are those that are prepared in our kitchens on a regular basis. Take for instance, the combination of chickpeas and onions. This combination is a powerful source of iron which is required by the body to transport oxygen to its various parts. Iron deficiency can lead to anaemia, fatigue, brain fog and tiredness. A study by the Journal of Agricultural and Food Chemistry says that sulphur compounds in onion and garlic help in the absorption of iron and zinc from chickpeas. The combination is a hit with teenagers who need to be diligent about getting iron in their diet. A quick way to prepare this power food is to make a chickpea salad with chopped onions, chaat masala and cilantro.
- (3) Another favourite combination with power food takers is yoghurt and bananas. This makes for a perfect snack after a rough game of football. Exercising burns glucose and thus lowers blood sugar. Yoghurt is packed with proteins that help preserve muscle mass, and bananas are packed with carbohydrates that help in refuelling energy and preventing muscle soreness. A quick and easy recipe with bananas is a banana smoothie topped with cool yoghurt.
- (4) Among beverages, green tea is the best source of catechins that are effective in halting oxidative damage to cells. According to researchers at the Purdue University, adding a dash of lemon juice to green tea makes the catechins even more easily absorbable by the body. So, the next time you have instead of are friends serve them rounds of iced green tea with mint and lemon juice.

Answer the following questions.

- (a) What are power foods?
- (b) What are the rules regarding the partaking of power foods?
- (c) What is the advantage of including onions and garlic in our diet?
- (d) Suggest a quick recipe with chickpea and onions.
- (e) Why is yoghurt and bananas, an enriching power food?
- (f) Why is green tea a recommended power food?
- (g) What is the advantage of combining green tea with lemon juice?
- (h) What is the key to enjoying power foods in a wholesome way ?

विषय - हिन्दी

1. नई पीढ़ी और पुरानी पीढ़ी के विचारों में क्या अंतर है? (अपने शब्दों में लिखें)
2. आज पूरा विश्व जिस समस्या (COVID-19) से जूझ रहा है उस समस्या के समाधान को चित्र के माध्यम से प्रस्तुत करें।
3. “बच्चों पर पड़ता विज्ञापनों का दुष्प्रभाव” - इस पर एक अनुच्छेद लिखें।
4. प्राचीन और आधुनिक काल की तकनीक में क्या अंतर है? चित्रों से दर्शाएँ व अपने विचार प्रकट करें। (कोई पाँच)
5. पाठ ‘शब्द विचार’ और ‘वर्ण विचार’ का पुनः अवलोकन (Revision) करें।
6. हिन्दी पाठमाला (परिवेश) के चारों पाठों का पुनः अवलोकन करें।

नोट:-

हम उम्मीद करते हैं कि सभी विद्यार्थी ग्रीष्मावकाश के दौरान अपना ग्रीष्मावकाश कार्य तो करें किन्तु अपने स्वास्थ्य का भी ध्यान रखें और लॉकडाउन के नियमों का पालन भी करें।



Subject : Mathematics

UNIT - 1

- Q1. Compare $\frac{-9}{11}$ and $\frac{-5}{17}$.
- Q2. What should be added to $\frac{-4}{7}$ to get $\frac{5}{7}$?
- Q3. Verify $\frac{2}{3} \times \left(\frac{4}{5} + \frac{7}{8}\right)$ using distributive property.
- Q4. Subtract the additive inverse of $\frac{5}{6}$ from the multiplicative inverse of 6 of $\frac{-5}{7} \times \frac{14}{15}$.
- Q5. Find the four rational numbers between $\frac{1}{6}$ and $\frac{1}{3}$.

UNIT - 2

- Q6. Express in power notation:
- (a) $\frac{-27}{125}$ (b) $\frac{-1}{243}$
- Q7. Find the reciprocal of $(-2)^4$ and $\left(\frac{-3}{8}\right)^3$
- Q8. Find x so that $\left(\frac{5}{7}\right)^{-3} \times \left(\frac{5}{7}\right)^{-11} = \left(\frac{5}{7}\right)^{7x}$
- Q9. Write in scientific notation:
- (a) 0.001234 (b) 0.000123
- Q10. Simplify:
 $(6^{-1} - 8^{-1})^{-1} + (2^{-1} - 3^{-1})^{-1}$

UNIT - 11

- Q11. If u is inversely proportional to v and if $u = 12$ when $v = 3$, find u when $v = 9$.
- Q12. A garrison of 800 men had provision for 39 days. However reinforcement of 500 men arrived. For how many days will the food last now?
- Q13. Find the missing values in the table if x and y varies directly.
- | | | | | | |
|-----|-----|----|-----|------|----|
| x | 3.6 | 5 | 9.5 | 17.1 | - |
| y | - | 10 | - | - | 11 |
- Q14. When $x = 6$, $y = 8$, x varies inversely with y and if $x = 8$ find y .
- Q15. Frame three examples of each direct and inverse variation related to you day to day life.

UNIT - 3

- Q16. Is 900 a perfect square if so, find the number when square is 900.
- Q17. Show that 3675 is not a perfect square.
- Q18. Find the square root of 0.0009.
- Q19. Find the square root of 7 by long division method.
- Q20. Find the greatest 4-digit number, which is a perfect square.

PROJECT:

Using the internet find the mass of the planets and draw the diagram of all the planets on a scrap book and represent the mass of all the planets in scientific notation.

Subject : Science

Note:- Your holiday's homework must be done on a nicely decorated scrapbook.

- 1) Paste some natural and synthetic fibres on scrap book and write their properties and uses.
- 2) Make a video to show the ELECTROSTATIC FORCE between two objects and explain the concept of electric charge. Give at least five examples of electrostatic force in our daily life.
- 3) Write the answers to the MCQ, very short and short answer type questions of the chapter "Friction" (Mid Term syllabus) in your scrapbook.
- 4) Collect some pictures of endangered and endemic animals. Paste them in your scrap book and write few lines on them and the causes of their becoming endangered or extinct.
- 5) List down the names of the ARTIFICIAL SATELLITES sent into space by India.



Subject : Social Science

A. Read the Chapter 2nd (GEOGRAPHY)- LAND AND SOIL RESOURCES thoroughly and answer the following questions:-



1. How do you introduce soil?
2. What plants can grow without soil?
3. What is land use? List the factors which control the utilization of land.
4. What are soil horizon? Explain the various soil horizon present in the soil profile with the help of colorful diagram.
5. On an outline Map of India, mark the following areas under:
 - Mountain Soil
 - Alluvial Soil
 - Red Soil
 - Laterite Soil
 - Desert Soil
6. Use the following picture to answer the questions given below.



- a. What is happening in the picture?
- b. How will it affect us?
- c. In what ways can we stop some of the harmful effects of this activity?

B. Read the Chapter 3rd (HISTORY)- COLONIAL ADMINISTRATION thoroughly and answer the following questions:-

1. What do you know about the Charter Act?
2. Explain the judicial system during the time of Warren Hastings.
3. Who was he? What did he do for India?



4. Define the term sepoys?

NOTE: Write all the answers to the above questions in a separate notebook.

- Prepare a project file on the topic- Art and Architecture of Historical & Modern India.
- Write an activity on the topic- Role of the Courts and the Police in maintaining Law & Order? Explain any kind of situation where the court and the police come into action in maintaining the law & order of the society. (Paste pictures to depict the situation mentioned by you)

NOTE: Write the activity and the Project in separate files using A4 sheets.

