STEPHENS

INTERNATIONAL PUBLIC SCHOOL

Holidays' Homework

Session – 2022-23

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 Swachh Bharat Abhiyan Design an attractive poster to be displayed in the school campus.

 Write an article in 150-200 words on Pros and Cons of Social Networking Sites.

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 finess 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 bums 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 ?

●   **Read the story of E-Book, Peter Pan by J.M. Barrie thoroughly. After reading prepare its summary for story telling competition which will be held after summer vacation.**

विषय – हिन्दी

1. शहीदों को श्रद्धांजलि देते हेतु 'अमर जवान ज्योति' (इंडिया गेट) पर मॉडल बनाएँ।

2. संस्कृत भाषा में कोई भी 5 श्लोक हिंदी व्याख्या के साथ (**A–4** साइज़ शीट पर) पर लिखें व याद करें।

3. किन्हीं सात दिनों का कोई भी हिंदी समाचार–पत्र पढ़िए तथा कोई भी कहानी अथवा लेख काटकर स्कैप बुक में चिपकाए। उसमें से संज्ञा, सर्वनाम, विशेषण व मुहावरे छाँटकर लिखिए।

4. घर के किसी बड़े की मदद के साथ एक व्यंजन बनाएँ तथा उसकी विधि लिखकर हमारे साथ बाँटें।

5. मिड–टर्म पाठ–5 और पाठ–6 के प्रश्न/उत्तर अपनी हिंदी पुस्तिका (**copy**) पर पूर्ण करें।

6. प्री–मिड टर्म पाठों तथा व्याकरण को दोहराएँ।

Subject : Mathematics

UNIT – 1

Q1. Compare $\dfrac{-9}{11}$ and $\dfrac{-5}{17}$.

Q2. What should be added to $\dfrac{-4}{7}$ to get $\dfrac{5}{7}$?

Q3. Verify $\dfrac{2}{3} \times \left(\dfrac{4}{5} + \dfrac{7}{8} \right)$ using distributive property.

Q4. Subtract the additive inverse of $\dfrac{5}{6}$ from the multiplicative inverse 6 of $\dfrac{-5}{7} \times \dfrac{14}{15}$.

Q5. Find the four rational numbers between $\dfrac{1}{6}$ and $\dfrac{1}{3}$.

UNIT – 2

Q6. Solve: $0.3(8 + x) = 0.4(7 - x)$

Q7. Solve: $5(x - 4) = \dfrac{7}{4}(3x - 4)$

Q8. Solve: $4x + 7 = 9x - 4$

Q9. Solve: $3x \times 7 + 4 = 9(x - 3)$

Q10. Solve: $2y + 3 = 9y - 2y + 7$

UNIT – 3

Q11. Is it possible to have regular polygon each of whose exterior angle is 100°.

Q12. Is it possible to have regular polygon each of whose interior angle is 110°.

Q13. Find the sum of interior angles of polygon having 15 sides.

Q14. Find the number of sides of regular polygon having given angle sum is 840°.

Q15. How many sides does a regular polygon have if each of interior angle is 108°.

ACTIVITY:

To verify that the sum of measures of the exterior angles of any polygon is 360° by paper cutting and pasting.

Subject : Science

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

SECTION A

Q1. Very short answer type questions:-
(a) List down three factors on which time and frequency of irrigation depends.
(b) Name any three traditional methods of irrigation.
(c) List down any two different shapes of bacteria.
(d) Name the bacteria present in the root nodules of leguminous plant.
(e) DPT vaccine is used for protection against _____, _____ and _____.
(f) Who discovered vaccine for small pox?
(g) Name the bacteria involves in denitrification.
(h) _____ is also known as artificial silk.
(i) What happen to thermoplastic on heating?
(j) _____ is the most hardest naturally occurring non metal.

Q2. Short answer type questions:
(a) Draw reactivity series of metals.
(b) Complete the following reaction:

Milk + Curd $\xrightarrow{(a)}$ _____(b)_____ $\xrightarrow{(c)}$ _____(d)_____

(c) List down two precautions while using antibiotics.
(d) Define displacement reaction with example?
(e) Objects made of silver become black with passage of time .Explain?

Q3. Long answer type questions:
(a) List down 2 uses of each:
   i. Iron
   ii. Carbon
   iii. Nitrogen
   iv. Copper
   v. Iodine
   vi. Chlorine
(b) Complete the following reactions

   i. $FeSO_4 + Zn \longrightarrow$ _____ + _____

   ii. $Cu + HCl \longrightarrow$ _____ + _____

   iii. $Zn + H_2SO_4 \longrightarrow$ _____ + _____

Write the proper chemical name of all reactants and products
(c) List down disadvantage of synthetic fibres.

(d)   List down the solutions to problems created by plastics.

(e)   Draw nitrogen cycle with proper explanation of all the steps.

SECTION B

PRACTICAL SKILLS:

Q1.   On a chart/thermo coal draw

i.   Solar system

OR

ii.   Shapes of moon

OR

iii.   Different Constellation (Atleast 04)

OR

iv.   Various steps involved in the purification of river water for drinking.

Q2.   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 and prepare a chart on scrap book. Paste picture related to the topic

Subject : Social Science

A. **Read the Chapter 2nd (GEOGRAPHY)- LAND AND SOIL RESOURCES thoroughly and answer the following questions:-**
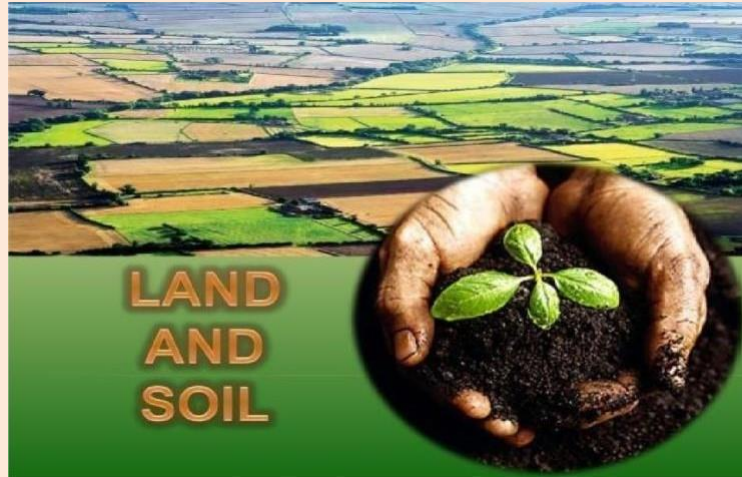
1. How do you introduce soil?
2. What plants can grow without soil?
3. What is land use? List the factors which control the utilization of land.
4. What are soil horizon? Explain the various soil horizon present in the soil profile with the help of colorful diagram.
5. On an outline Map of India, mark 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 (CIVICS)- The Parliamentary form of Government thoroughly and answer the following questions:-**
  1. What are the features of the Parliament?
  2. Explain the two houses of the Parliament?
  3. Explain the powers of the President, Vice President and the Prime Minister?

C. **Map Work**

On an outline Political Map of India, mark the following minerals
  a. Iron Ore
  b. Bauxite
  c. Copper
  d. Gold
  e. Manganese
  f. Mica

NOTE: Write all the answers to the above questions in a separate notebook.
  • Discuss Mahatma Gandhiji and Nai Talim.You can include the following points to make your topic interesting.
  • Kind of education in pre-British times
  • Stress on western education –the vested motive of the British
  • Gandhiji's opposition to western education.
  • Basic features of Nai-Talim

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

<mark>Subject : Computer</mark>

ACTIVITY

- ➢ Discuss the types of topologies and paste its pictures.
- ➢ Make a Stu_DBMS file that stores all data of Stu_Info & Stu_Marks .
- ➢ Revise Pre –Mid Term Syllabus

NOTE:

- ➢ For writing Rs 10/-notebook is to be used.
- ➢ Take printout of the tables and paste it on the same notebook.

INSTRUCTIONS:

- ➢ Take printout of the worksheet and paste it on Rs.10/- notebook.
- ➢ For writing also same notebook is to be used

<mark>Subject : Art</mark>

- ● **Roll no. 1 to 20 will make standing Lord Ganesha. Image size should be in 12 inches (using any material).**
- ● **Roll no. 21 onwards make a portrait of Freedom fighters on Ivory sheet, Image should be big in size (using Acrylic colours)**

<mark>Subject : Urdu</mark>