ST KAREN'S SECONDARY SCHOOL

STD-10 (Session 2021-22)

Holiday Home Work (Summer)

(I)ENGLISH:

Complete all your pending assignments. Revise all the notes from the copy.

From ON BOARD Book

1. Comprehension – Q. 3 and Q. 4 – Pg 13,14 (To be done in the book)

Writing Work -LETTER OF COMPLAINT (To be done in the English copy)

2. You are Anand/Akshita of Kolkata. You bought a Z-King Washing Machine from M/S Electronics India, Lake Road, Kolkata. After installation it worked well for two months. But suddenly the spin dry system of the machine has stopped functioning properly and the clothes are dripping wet even after the spin dry function is completed. Write a letter to Electronics India, giving them the guarantee card number and other details regarding your complaint and ask them to attend to it or replace the machine. (Word limit - 120 words)

(ON BOARD- Page-46, Q.NO- 01)

(II) HINDI :

1. साहित्य(स्पर्श)-पाठ-1 'बड़े भाई साहब' पाठ को अच्छी तरह पढ़ें और पाठ में आए 20 मुहावरे अर्थ के साथ कॉपी के व्याकरण भाग में लिखें।

2. पाठ -1 'साखी'के प्रत्येक दोहे के अर्थ और प्रश्नोत्तर याद करें।

3. व्याकरण-पदबंध के सभी भेदों के 10- 10 उदाहरण कॉपी में लिखें।

4. लेखन-

1.'एकता में बल है' और 'लालच बुरी बला ' विषय पर लगभग एक 100 से 120 शब्दों में लघु कथा कॉपी के व्याकरण भाग में लिखें।

3. पाँच वर्गीकृत रंगीन विज्ञापन कॉपी के व्याकरण भाग में सुंदर तरीके से बनाएँ।

(III) MATHS :

Solve the following sums in HW copy.

1. Use Euclid's algorithm to find the HCF of 1190 and 1445. Express the HCF in the form 1190m + 1445n.
2. Show that one and only one out of n, n+2, n+4 is divisible by 3 where n is any positive integer.
3. Show that any number of the form 4^n, $n \in N$ can never end with the digit 0.
4. Find the greatest number of four digits which is exactly divisible by 15, 24 and 36.
5. Find the least number of square tiles required to pave the ceiling of a room 15 m 17 cm long and 9 m 2 cm broad.
6. Prove that $(\sqrt{2} + \sqrt{3})$ is irrational.
7. Find the quadratic polynomial whose zeros are $\frac{2}{3}$ and $\frac{-1}{4}$. Verify the relation between the coefficients and the zeros of the polynomial.
8. It is given that -1 is one of the zero of the polynomial $x^3 + 2x^2 - 11x - 12$. Find all the zeros of the given polynomial.
9. Find all the zeros of the polynomial $(2x^4 - 11x^3 + 7x^2 + 13x - 7)$, it being given that two of its zeros are $(3 + \sqrt{2})$ and $(3 - \sqrt{2})$.
10. It is given that the difference between the zeros of $4x^2 - 8kx + 9$ is 4 and $k > 0$. Find the value of k.

(IV) SCIENCE :

i) Complete all your notes in the copy.
ii) Revise the topics taught.
iii) Physics - Practice the numerical of Electricity from NCERT and H C VERMA.
iv) Chemistry - Practice the chemical equations from NCERT
v) Biology – Practice the human digestive system, T.S of leaf, starch test activities

ALL WORK HAS TO BE DONE IN RELATED SUBJECTIVE FAIR COPY ONLY

(V) SOCIAL SCIENCE:

1) Complete it all your notes in the copy

2) Revise the topics explained .

3) **Geography -** Write some important points of sustainable development , types of resources on the basis of exhaustibility , and status of development

4) **History_**

1.Complete all Assignment in the notes copy.

2.Revise the topics taught.

3.Write in about 200 words on the following topic ‘Gandhiji's leadership provided

a concrete direction to the Indian freedom struggle’. How? Explain.

5)Civics_

1.Complete all Assignment in notes copy.

2.Revise the topics taught.

3.Write in about 150 words on the following topic-'Power sharing is

the backbone of a true democracy’.Explain

6) Economics- 1. Complete all the assignments in your economics copy.

2. Answer these questions. (In Economics copy)

* Write a paragraph on your notion of what should India do or achieve, to become a developed country.

* Why is total income not a useful measure for comparison between two countries .Explain the reason .

3. Learn all the important terms and concepts.

ALL WORK HAS TO BE DONE IN SUBJECT NOTES COPY ONLY

(VI) COMPUTER:

i) Complete all your notes in the copy.
ii) Revise the topics taught.
iii) Solve Q.2 given on page no.26 (Type B: Application Oriented Questions)

ALL WORK HAS TO BE DONE IN COMPUTER FAIR COPY ONLY

NOTE: Written hw done in the fair copy has to be submitted latest by 1st June, 2021 to the respective subject teachers through ecare