ARMY PUBLIC SCHOOL FATEHGARH

SUMMER VACATION HOLIDAY HOME WORK 2020-21

Class VII

HINDI

१- वसंत में संपूर्ण लिखित कार्य याद करें ।

२-बाल महाभारत में संपूर्ण लिखित कार्य याद करें ।

३-शब्द विचार लिखकर याद करें ------

क- तत्सम -तद्भव - (गृह से भंवर तक)

ख-अनेकार्थक शब्द (१--१५तक)

ग-पर्यायवाची शब्द – (अंबर से ध्वज तक)

घ-विलोम शब्द –- (१ से ४३ तक)

४-'विद्यार्थी जीवन में समय का' महत्व विषय पर अनुच्छेद लिखो ।।

५- ग्रीष्मकालीन अवकाश में पिकनिक मनाने जाने के लिए प्रधानाचार्या को प्रार्थना पत्र लिखो ।

६-स्वतंत्रता दिवस की तैयारी को लेकर दो मित्रों के बीच हुई बातचीत को संवाद के रूप में लिखो ।

नोट ---सारा लिखित कार्य व्याकरण की अभ्यास पुस्तिका में ही करना है ।

ENGLISH

1 - Write a story by your own in about 150 words by using noun pronoun and adjectives at least 5 noun, 8 pronoun and 10 adjectives. Highlight noun with red , pronoun with green and adjectives with pink colour.

2-From your grammar book old/new do picture composition. Draw pictures and write a short story based on those pictures. Use colours and make your picture attractive.

3-Learn questions answers of unit 1 2 3 in Honeycomb,and Chapters 1 2 3 in An alien hand, also prepare grammar topics which had been taught to you.

4-Write a notice to inform students that school will remain closed for 1 month due to the pandemic covid 19. Mention dates and precautions which students should take during these days.

5 Complete your work in both notebook. As school will reopen you notebooks will be checked.

6. Help your mother in house hold work.

Note - All written work will be done in grammar notebook only no need to make new notebook.

MATHS

INTEGERS:-

Q 1. In a test (+5) marks are given for every correct answer and (-2) marks are given for every incorrect answer and 0 for answer not attempted. Ram gets 3 correct and 4 incorrect out of 7 questions he attempted. What is his score?

Q 2 A group of hikers is descending the mountain at a rate of 600 feet per hour. What is the change in elevation of hiker after 6 hours?

Q 3 Verify the following

   a. $(-22) \times [(-4) + (-5)] = [(-22) \times (-4)] + [(-22) \times (-5)]$
   b. $(-12) \times [(4) + (-9)] = [(-12) \times (4)] + [(-12) \times (-9)]$

Q 4 A divers descends 20 feet in the water from the boat at the surface of a lake. He then rose 12 feet and descends another 18 feet. At this point what is his depth in water?

Q 5 The temperature of a city is 4^0C. Next day the temperature falls by 5^0C. What is the temperature of the city next day?

Q 6 What should be subtracted from -9876 to obtain -9512?

Q 7 What is the value of $(-22)-[(-23)-(-17)-(-61)]$

Q 8 Verify a-(-b)=a + b for the following values of 'a' and 'b'

   a. a=34   b=73
   b. a=45   b=30

Q 9 Write down the pair of integers whose

   a. Sum is -4
   b. Sum is 0
   c. Difference is 2

d. Difference is -6

Q 10 An elevator descends into a mine shaft at the rate of 6 m/min. If the descent starts from 10 m above the ground level, how long will it take to reach -350 m.

FRACTION AND DECIMALS:-

Q.1 Write down the following concept with example:-

   (i) proper fraction (ii) improper fraction (iii) mixed fraction

   (iv) like and unlike fraction

   (v) equivalent fraction

Q 2 Convert 6.432 into a decimal fraction.

Q 3 If 12 inches = 1 foot (ft) then change 549 inches into ft.

Q 4 If 21.875 litres of oil is in $3\frac{1}{2}$ cans of tin of equal capacity, find the capacity

of oil in each can.

Q 5 Solve all examples of chapter 2.

DATA HANDLING:-

Q 1 A batsman scored the following number of runs in six innings:

36, 35, 50, 46, 60, 55

Calculate the mean runs scored by him in an inning

Q 2 The mean of 5 numbers is 25. If the four numbers 16, 26, 31, 32. Find the fifth numbers.

Q 3 Solve all example of ncert chapter 3.

Q 4. Write down the concept of following with example-

   MEAN , MEDIAN ,MODE, PROBABILITY

Q 5. **Fill in the blanks:**

a. The difference between the highest and lowest values of observations in a set of data is called the_____

b. On dividing the sum of observation by total number of observations, we obtain the_____

c. The representation of numbers using bars of uniform width, the length of the bars depicting the frequency is called the_____

d. When the raw data is arranged in ascending or descending order, it forms an_____

e. The measure of chance of happening something is called_____

f. The probability of getting 1 in tossing of coin is _____

g. The probability of getting a tail in a throw of a dice is_____.

h. The outcomes which have equal chances of occurrence are called_____.

i. The number that divides the given data into two equal parts after arranging it in ascending or descending order is called the_____

k. The observation that occurs most often is called_____

l. Probability of getting 7 when a number from 1 to 6 is selected is_____.

m. Probability of an event always lie between _____and_____.

n. If the arithmetic means of 8, 4, x, 6, 2, 7 is 5, then the value of x is _____

o. The median of the data: 3, 4, 5, 6, 7, 3, 4 is _____

SCIENCE

1. Learn all exercises and Q/A of Ch1,2,3,4,5.

2. Prepare a greeting card for your mother with the help of turmeric and soap solution. (Refer Activity 5.2 on Page 51)

3. List the precautions that should be taken to prevent CORONAVIRUS on a sheet.

4. Make a list of Natural indicators (Litmus, China rose, Turmeric) and Artificial indicator (phenolphthalein) and make a table to show their effect on acids and bases. ACIDS : Lemon juice, Vinegar, dil.Hydrochloric acid, Sulphuric acid. BASES : Baking soda, Soap solution, Sodium hydroxide, Ammonium hydroxide.

SOCIAL SCIENCE

HISTORY

1.Write some information about following kings from medieval period-

Prithviraj 3rd

Raja sultan

Akhbar

Note-Word limit 100 to 200 words each

Write in notebook

2.Draw a map of India and locate and label the following kingdoms of early medieval period-

Rashtrakutas

Chaulas

Palas

Chalukyas

Pallavas

GEOGRAPHY

1.Draw diagram of life cycle of rivers

2.Draw map of India and show following-

One state where wind action is very active

One state where land slides are common

3.Write a paragraph on global warming(word limit 250 to 300)

4.Collect information about Nepal earthquake of 25th April 2017.Students will collect some information from various sources about magnitude focus point, epicentre areas of destruction.

CIVICS

1.Students will collect information regarding programs by the government to ensure equality in India

Ex-gender equality and economic equality

2.What is covid 19? Where was it first discovered? When did it come to India? What are the symptoms'? Name the methods through which it can be transmitted to a infected person to healthy person?

3.Learn all chapters what has been done in your copy(history, geography, civics)

SANSKRIT

1. सम्पूर्ण लिखित कार्य याद करें ।

2. अपनी पाठ्य पुस्तक के प्रथम पाठ के कोई दो श्लोक अर्थ सहित याद करें ।

3. निम्नांकित शब्दों के रुप लिखें और याद करें -------------------

   राम, रमा, हरि, नदी

 तथा किम् , शब्दों के तीनों लिंगों में,

4. निम्नांकित धातुओं के पाँचों लकारों में रुप लिखें और याद करें -----------

पठ् , गम् , अस्

5. संस्कृतभाषायाम् अनूद्यताम्---------------------

(निम्नांकित वाक्यों का संस्कृत में अनुवाद करें)

(क) वह फल गिरता है।

(ख) तू अथवा मैं देखता हूँ।

(ग) लडके दौडते हैं।

(घ) हम दोनों देखते हैं।

(ङ) तुम सब खेलते हो।

नोट :- गृहकार्य का सम्पूर्ण लिखित कार्य संस्कृत व्याकरण की कॉपी पर ही करें।

Do the entire written work of homework only on the copy of Sanskrit grammar.

COMPUTER

1. Attempt all the questions on page no–143.
2. Make a chart which categorizes various system software and application software.
3.Learn all the questions chapter1(computer system)and chapter2(number system)from your notebook