HOLIDAY HOMEWORK 2020-21
CLASS: VII

This year, your holiday homework is a fun mix of all the aspects of learning. It has been designed to ensure that you enjoy and learn at the same time. Special attention has been taken to ensure that you use your creativity, your innovative ideas and your imagination to shape your holiday homework into fantastic 'creations'. So enjoy your holidays spending quality times with your near and dear ones and devote sometimes to learn new things.

General Instructions:

- Holiday Homework of all subjects to be done in **Project files/Digital form**
- Students are instructed to do all the questions given as you will be allotted internal assessment marks for the same.
- To upload the Holiday Homework, make different folders for each subject on your Google drive. For eg: put English homework in English folder, and other subject respectively. Send the link through the Google form shared by the subject teachers. You may also submit the PPT in the Google class room of your respective subject teacher or keep it in a pen drive and hand it over to the teacher when school reopens.
- Credit will be awarded to original photographs/ drawings, illustrations, innovative ideas and creative use of materials.
- Holiday Homework needs to be submitted on 6th July 2020.

- Holiday Homework needs to be developed and presented in this order:
    a) Cover page / First slide showing title, student information (Name, class, section, roll no, school and academic year) and parent's signature./ Parents Name
    b) Index -List of contents with page numbers.
    c) The last page should have Bibliography/ Sources of information from where you have collected your information

ENGLISH

1. Make an **E-poster** on any one of the following topics :

    a) Covid -19   Angels and Warriors

    b) Global Lockdown: A Revival for Earth's Lost Glory

    c) Corona vs Man : A Battle for Survival

2. Read any **one book** and prepare a book review on A4 size sheet (for portfolio) -

    a) Harry Potter Series by JK Rowling (Any 1)

    b) Tom Sawyer by Mark Twain

3. Also make a **PPT** on **any 1** of the above books read by you **(Max 7 Slides)**-

    Use the following guidelines

    a) Book cover
    b) Main characters
    c) Word web (adjectives)
    d) Favourite character
    e) Favourite incident
    f) Moral / lesson learnt (if any)

Share your English HHW folder link through the link given below

For group i- https://forms.gle/jwAf5AjGyWXD8TtG7

For group ii- https://forms.gle/hUd5viwKEpVCpKTn6

4. Attempt the following google quiz as holiday homework https://forms.gle/jMUWVLnDpRUdrBKY8

MATHEMATICS

HOLIDAY HOME WORK HAS BEEN DIVIDED INTO TWO PARTS:

PART A: PROJECT- IPL SURVEY (To be done on A4 type sheets)

1. Compare the performance of your favourite 5 IPL teams on the basis of their average run rates, number of matches won, maximum number of sixes, strike rate of bowlers, orange cap and purple cap winners of IPL 2019.
2. Collect, represent and analyse the data with the help of bar graphs and tele charts.

PART B : Contains three parts :

     I) OBJECTIVE TEST

     II) APTITUDE TEST & DATA INTERPRETATION

GENERAL INSTRUCTIONS FOR MATHEMATICS:

- Do it on Google forms and later take the print out and put in the portfolio. Aptitude & Data Interpretation - https://forms.gle/CToqxYRsY7h9U3Ug7
- Objective test - https://forms.gle/YKsdbg43R5bD5uwg6

                   OR
- If you can take a print out of these sheets, do the questions on the sheet itself.

                   OR
- Copy the questions on loose sheets and write the answers.

Holiday home work is to be enclosed in a file (portfolio) containing 5 pages –

- Index
- Project (IPL Survey)
- Objective Test
- Aptitude Test & Data Interpretation

ASSIGNMENT-1

(Objective Test)

Q.1.   On subtracting 20 from -100 we get

      a) 120   b) 20   c) -120   d) none of these

Q.2.   Sum of two integers is -13. If one of them is 8 then the other is

      a) -5   b) -21   c) 21   d) none of these

Q.3.   What should be added to 16 to get -31?

      a) -47   b) 47   c) 15   d) none of these

Q.4.   The minimum temperature during winters in a place is -6℃ on a particular day. The next day the temperature dropped by 3℃. The third day temperature rose by 2℃. The temperature recorded on these two days:

      a) -10℃, 7℃   b) -6℃, -4℃   c) -9℃, -7℃   d) 9℃, 5℃

Q.5.   Air balloon begins to descend toward the ground from a height of 2250 feet. If it descends at the rate of 150 feet/ minute. The height after 12 minutes is

      a) 400 feet   b0 450 feet   c) 250 feet   d) none of these

Q.6.   In the rapid-fire round of a quiz competition, 3 point are awarded for every correct answer and -1 point for every wrong answer. Team A answered all 15 questions and only 10 answers were correct. Team A score is

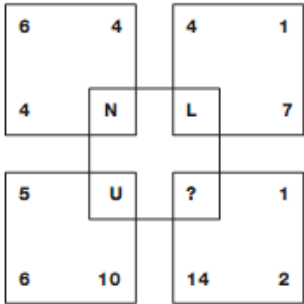   a) 30 points   b) 20 points   c) 25 points   d) 15 points

Q.7. A submarine descends at the rate of 10m/min. The position of the submarine after one and half hour is

a) -900m   b) 100m   c) 200m   d) -200m

Q.8. A vegetable merchant gets a profit of Rs.100 per bag on onions sold and a loss of Rs.30 per bag on potatoes sold. His profit or loss if he sells 60 bags of potatoes and 30 bags of onions.

a) Rs. 2000   b) Rs.1500   c) Rs.1200   d) Rs.1000

Q.9. The value of $[(-1200) \div (-40)] \div (-3)$ is

a) -10   b) 10   c) 30   d) -30

Q.10. A parachute descends at the rate of 25m/min. At a particular time, it was at a height of 1850m above the ground level. Time taken to reach the height of 250m above the ground level is

a) 60min   b) 120min   c) 64min   d) 1 hour

Q.11. The length and breadth of a rectangle are $12\frac{4}{5}$ m and $9\frac{1}{2}$ m. Its perimeter is

a) $\frac{200}{5}$ m   b) $44\frac{3}{5}$ m   c) $40\frac{1}{5}$ m   d) $\frac{100}{3}$ m

Q.12. The product of $8\frac{1}{3}$ and $2\frac{2}{5}$ is

a) 20   b) 16   c) 25   d) 4

Q.13. The distance covered by a car in one hour is $38\frac{1}{2}$ km. The distance car will cover in 5 hours is

a) 120 km   b) 192 km   c) $192\frac{1}{2}$ km   d) 100 km

Q.14. A car covers $70\frac{7}{8}$ km in $1\frac{3}{4}$ hours. The speed of car is

a) $13\frac{1}{2}$ km/hour   b) $40\frac{1}{2}$ km/hour   c) $14\frac{1}{2}$ km/hour   d) none of these

Q.15. There are 60 girls in a hostel, $\frac{5}{12}$ of them like to read novels, $\frac{2}{5}$ of them like to read magazines and remaining like to read detective stories. The number of girls who like to read detective stories is

a) 12   b) 24   c) 25   d) 11

Q.16. $\frac{2}{5}$ kg of butter is used to make one cake. The number of cakes that can be made using $12\frac{4}{5}$ kg of butter is

a) 12   b) 30   c) 32   d) 10

Q.17. A car covers 15 km using one litre of petrol. The distance it can cover using $3\frac{1}{5}$ litre of petrol is

a) 40km   b) 80 km   c) 50 km   d) 48 km

Q.18. $\frac{5}{8}$ of the total number of tickets sold for a circus show were tickets for children. The number of tickets for adults sold if the total number of tickets sold was 3200

a) 200   b) 1200   c) 100   d) 500

Q.19. Every student participating in a mass drill requires $2\frac{2}{5}$ m of ribbon. The number of students participating if the total length of ribbon used is 240m

a) 100   b) 120   c) 200   d) 150

Q.20. The value of $81.09 \div 0.03$ is

a) 2000   b) 2703   c) 2700   d) 2500
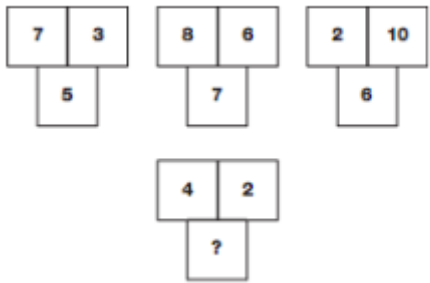
Q.1.   Which letter replaces the question mark in the following :

        a) Q   b)   R   c)   S   d)   T

Q2.   Which number replaces the question mark ?

        a) 9   b) 6   c) 3   d) 1

Q3.   Which number replaces the question mark in the following :

    a)   1   b)   23   c)   10   d)`   15

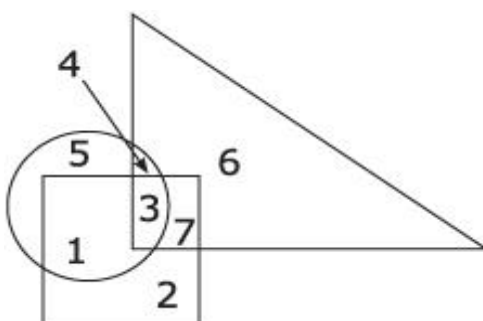Q4.   Study the information given below and answer the question:

    ➢   **Ankita** is taller than **Megha**.

    ➢   **Ankita** is shorter than **Beena.**

    ➢   **Latika** is taller than **Garima**.

    ➢   **Garima** is taller than **Beena**
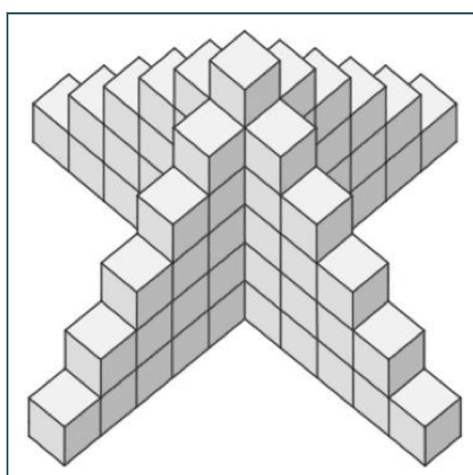
    Who is the tallest of all?

    a)   Ankita   b)   Beena   c)   Latika   d)   Garima

Q.5. Circle indicates 'strong', square indicates 'tall' and triangle 'army officers'. Which of the following options represent strong army officers who are not tall

a)   4   b)   3

c)   5   d)   6

Q.6. Solve the block counting puzzle by counting the number of blocks in the picture below ?
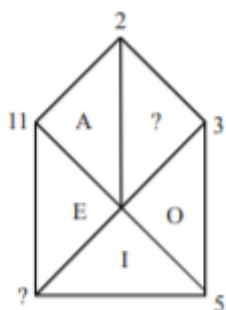

a)   60   b)   66   c)   50   d)   55

Q.7. What comes in place of question mark (?) in the following number series : 3,5,13,49,241, ?, ...

a) 1541   b)   4411   c)   1600   d)   1441

Q.8. If B = 2 and BAG = 10, then BOX = ?

a)   36   b)   39   c) 41   d) 52

Q.9. Find the missing value in the figure
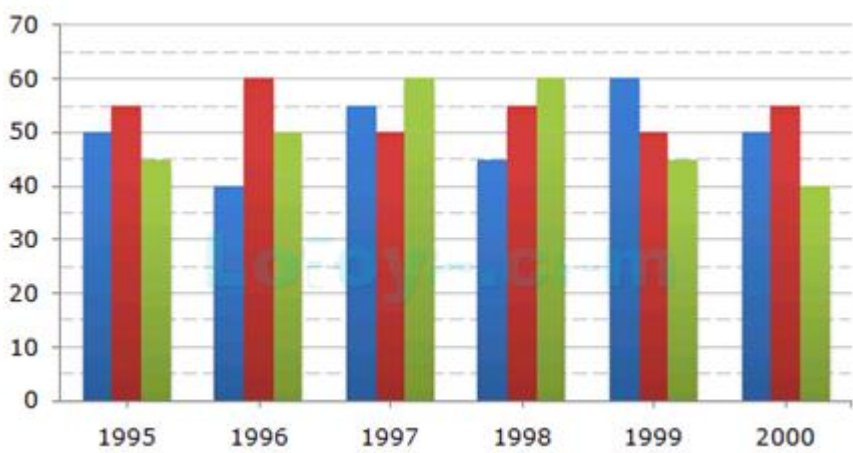

a)   8 and U   b)   8 and V   c)   7 and U   d)   9 and V

Q.10. Vandana is going Northwards. She turns right, moves some distance and again turns to her right. After moving some distance she turns to her left, goes forward and again turns to her left. In which direction now is Vandana going ?

a) North   b) South – West   c) South   d) West

DATA INTERPRETATION

Q. 1. A soft drink company prepares drinks of three different flavours – X(first bar of blue colour), Y(second bar of red colour) and Z(third bar of green colour). The production (in lakhs) of three flavours over a period of six years has been expressed in the bar graph provided below.

i) The total production of flavour Z in 1997 and 1998 is what percentage of the total production of flavour X in 1995 and 1996?

a) $33\frac{1}{3}$ b) $133\frac{1}{3}$ c) 133   d) 130

ii) What was the approximate decline in the production of flavour Z in 2000 as compared to the production in

1998?

a) $30\frac{1}{3}\%$ b) 30%   c) $33\frac{1}{3}\%$ d) 32%

iii) Find the ratio of the total production of flavour X in the year 1996 to that in the year 1999?

a) 2 : 3   b) 3 : 2   c) 1 : 3   d) 1 : 2

iv) Which year saw the maximum production of drinks of all the flavours taken together?

a) 1995   b) 1996   c) 1997   d) 2000

v) In which year the production of drinks of all the flavours taken together was minimum?

a) 1997   b) 1998   c) 1999   d) 2000

SCIENCE

GENERAL INSTRUCTIONS FOR SCIENCE

- Prepare a **Power point presentation OR a project report** (maximum 5-6 slides/pages including back and front) on ANY ONE of the following topics.

- The work submitted by the student should be in PDF format in one single file. The scanned copy or pictures of the project report should also be converted to single PDF file before sending it.

- Students have to include the following information in their powerpoint presentation or project report: Name of student, class and section, subject and topic chosen.

TOPICS

1. Applications of good and bad conductors of heat. Use the concept of conductors and insulators of heat to illustrate how to keep your houses cool in summer.

2. Find out the names of five deadliest cyclones in India and the areas affected by them. How are cyclones named in India? Illustrate the destruction caused by the cyclones and their management by the government.

3. Collect information about the various electrical equipments based on heating effect of electric current. Illustrate the importance and working of electric fuse in household electric circuits.

4. Draw and explain the diagram (with the help of beads/pulses, threads, leaves etc) of life cycle of silkworm on A-3 size sheet. Click the picture of diagram drawn on sheet and use it in the making of ppt.

5. Write about the history of spinning jenny and use the following inputs:-

    a) Father of invention
    b) Pictures related to it.
    c) Changes brought in the textile industry due to the invention of spinning jenny

6. Digestive system in humans. Explain different parts of alimentary canal and state their function in digestion (refer to chapter 2 of your book)

7. Respiratory system in humans. Also explain the process of inhalation and exhalation, difference between aerobic and anaerobic respiration.

PLEASE CLICK ON THE LINK GIVEN BELOW AND SUBMIT THE ONLINE WORKSHEET WHICH IS A PART OF YOUR HOLIDAY HOMEWORK:

https://forms.gle/1WH76Q1s38FdKx3D7

STUDENTS TO UPLOAD THE HOLIDAY HW PPT ON GOOGLE DRIVE AND SHARE THE LINK OF SCIENCE HOLIDAY HW FOLDER THROUGH THE LINK GIVEN BELOW:

https://docs.google.com/forms/d/e/1FAIpQLSe1rszwiTIqS_FCQQLImnJlKoRG8UnsrNDDqHWFVkrIubuJ3Q/viewform?usp=sf_link

SOCIAL SCIENCE

General instructions for Social Science

- Holiday homework needs to be according to the topics given to the respective roll numbers.

- Project can be made either as a PPT or as a folder using the papers that you have at home.eg drawing sheets/file sheets or as PDF.

- Mention the following details on the first page: -
  A. Name
  B. Class and section
  C. Topic

- Holiday homework should not be more than 10 slides or 10 sheets.

- All students must create a 'GOOGLE FOLDER 'for Social Science. The holiday homework must be sent through it only.

- Holiday homework will be assessed and therefore should be done neatly. It should be relevant to the topic and, if handwritten, should be written with proper headings and pictures.

- Use pictures, cartoons, maps, magazines, newspapers etc. Make creative use of the materials if you are making a handwritten project.

- Use eco-friendly materials if possible. No plastic folder is to be used in case you are doing a handwritten project.

Roll number 1 to 15 (History project)

1) Prepare a colorful PPT or file or pdf on any one monument in Delhi (e.g. Qutub Minar) so that people around the world learn about the beauty of the monument. Use pictures from magazines, newspapers, internet, etc. to make your project file attractive. Give a brief history of the Monuments with following details: -

   a) When and by whom was it built?

   b) The reasons why it was built.

   c) Architectural features of the monument.

   d) How is the monument being maintained presently.

   e) What improvement would you like to bring to promote protection of the monument.

   f) Give a slogan for its protection.

   g) How the COVID-19 pandemic has affected the tourism.

You may refer to Chapter 2 -New Kings and Kingdoms or Chapter 3 -The Delhi Sultans of   History textbook (Theses chapters have been uploaded in Google Classroom.)

Roll number 16 to 31 (Civics project)

2) Make a project on "Women change the world" based on the following points: -

   a) Condition of the women in the Indian society.
   b) Reasons for their backwardness.
   c) Role of education in bringing changes in the lives of women.
   d) Contribution of the women reformers (discuss at least five reformers)
   e) How has the conditions changed in the present times.
   f) Challenges ahead.
   g) How the COVID-19 pandemic changed the role of women.

You may refer to Chapter 5- Women change the world on page 54 of Civics textbook. It has been uploaded in the Google classroom.

3) Make a project on the different kind of transportation. You may cover **any one** of the following topics. (You have a choice between A/B/C/D)

A. Roadways
1. Metalled and unmetalled roads
2. Subways
3. Flyovers
4. National highways
5. Map of India showing important roads.

B. Railways
1. Invention of steam engine.
2. Diesel and electrical engines
3. Advanced technology being used in metros.

C. Waterways
1. Inland waterways
2. Sea routes

D. Airways
1. Helicopter
2. Advantages and disadvantages of Airways.
3. How COVID-19 pandemic has adversely affected the aviation sector.

You may refer to Chapter 7 - Human environment – Settlement, Transport and Communication of geography textbook (It has been uploaded in Google Classroom).

Kindly send your responses to the Multiple-choice questions of History, civics and Geography through this google form link

https://docs.google.com/forms/d/e/1FAIpQLSeFuLeLbcfmge-6KyyOzIp4O69z8PdPsKCM6erbnvPzR2__TA/viewform?usp=sf_link

Please click on the link given below and submit the online assignment which is a part of your holiday homework

https://docs.google.com/forms/d/e/1FAIpQLSe6KeDM4xovYzwTIXPo3IgzjeU_jNxyf8powcaC9uX9b0cKuQ/viewform?usp=sf_link

FRENCH

General Instructions for French

- Students have to upload the holiday homework at the link given below in digital form.
- Make a folder for French holiday homework in which students will create different folders.
- Holiday homework is to be enclosed in a portfolio containing the following pages:-
- Adjectives/nouns/verbs
- conversation
- vegetables/fruits/animals/body parts

1. Write the following on A 4 size sheet.

a) 20 adjectifs (nationalité/couleur/ex. petit, gros etc.)

b) 30 Nouns with gender

c) 10 'ER' verbs

d) 5 'CER' verbs

e) 5 'GER' verbs

2. Write four conversations in French language on A4 size sheet (friends/parents/professor/ sister)

3. Learn & write in your note book. (In French)

     a) 10 Body Parts

     b) 10 vegetables

     c) 10 animals

     d) 10 fruits

4. Learn the French song '' **Champs Elysees''** by **"Joe Dassin''**. (Presentation will be in class)

5. Google form link for holiday homework **https://forms.gle/ZyvitzCUgKh2aPpZ7**

HINDI

सभी कार्य व्याकरण की कॉपी में करें यदि कापी ना हो तो पेज पर भी कार्य किया जा सकता है कार्य करने के बाद उसकी फोटो खींच कर अपने गूगल ड्राइव पर डालें एवं उसका लिंक नीचे दिए गए फॉर्म में भेजें

1. महाभारत के किसी एक प्रसंग पर 150-200 शब्दों में कार्टून शैली में प्रोजेक्ट तैयार करें।

2. निम्नलिखित में से किसी एक विषय पर कविता, कहानी अथवा अनुच्छेद लिखें।

    क. शहरीकरण और प्रकृति

    ख. यदि मेरे दो मुँह होते

    ग. पेड़ की आत्मकथा

3. निम्नलिखित में से किसी एक के बीच संवाद लिखें :-

    क. जल और बादल

    ख. पक्षी और आसमान

    ग. शहर और गाँव

Google quiz form:-----

https://docs.google.com/forms/d/e/1FAIpQLSdPXvLCpORUbN4itphYD0KNgMf4wW-NSnyroiD3CYdsG5P40g/viewform?usp=sf_link

google drive link form:----

https://docs.google.com/forms/d/e/1FAIpQLScCU6rNIwRsQvyjgWlB_1INkKxFpcLxRVf3VBLOAEZz3_apRA/viewform?usp=sf_link

SANSKRIT

निर्देशः- सभी कार्य फाईल-शीट पर करके नीचे दिए गए लिंक पर upload करें।

1. कोई भी पाॅच श्लोक अर्थ सहित लिखिए ।

2. पठ्, लिख्, गम् तथा क्रीड् घातु का प्रयोग करते हुए लट्, लृट् एवं

    लङ्लकार पर आधारित संस्कृत में दस-दस वाक्य बनाइए।

3. दैनिक उपयोग में आने वाली बीस वस्तुओं की सूची संस्कृत में सचित्र

    अर्थ सहित तैयार कीजिए।

4 निम्न विषयों पर संस्कृत में चार-चार वाक्य बनाइए ।

गृहम्   2 क्रीडाक्षेत्रम् 3 पुस्तकालयः

https://docs.google.com/forms/d/e/1FAIpQLSd7RlcVBg8y-c59u_3SA4mnq3saLgM3ETRUTG2P3nQp5yiVwQ/viewform?usp=sf_link

ART EDUCATION

General Instructions

- Each question to be done separately on A4 size sheets
- Support your work with pictures/drawings where ever required
- Properly place all the work done in a folder for submission
- Folder should be decorative and presentable.

Q1. Write short note on any two(2) traditional textiles of India (e.g. Kalamkari from Andhra Pradesh, Bandhani

from Gujarat, Brocade, Kanjeevaram, Ikat etc.) with samples either cloth or paper print.

Q2. Write a short note on Mudras of Indian Classical Dance. Any six(6) asanyukta hast mudra (single hand).

Six (6) sanyukt hast mudra (both hands), with sketch / pictures.

Q3. Write about the types of Folk Songs of India. Give examples with suitable picture/drawings.

Q4. Write conversation among four (4) people in the form of dialogues on the topic COVID-19. The discussion

should conclude on a positive note.

FORM LINK:

https://docs.google.com/forms/d/e/1FAIpQLSfTMeKizuflboxGvC5NP99UPb-G_khLOPkhYnnta_Z1FNOT2Q/viewform

Students it is said that "All Work & No Play Makes Jack a Dull Boy". So practice the following and Stay Safe…

- *"ENJOY, RELAX AND REJUVENATE."*
- *"CONNECT AND HAVE FUN WITH YOUR NEAR AND DEAR ONES."*
- *"EXERCISE, MEDITATE AND EAT HEALTHY. STAY FIT AND POSITIVE."*
- *"READ BOOKS, COMMUNICATE WELL AND IMPROVE YOUR LANGUAGE SKILLS"*
- *"HAPPY VACATIONS".*