

ST THOMAS SCHOOL INDIRAPURAM
SUMMER VACATION HOLIDAY HOMEWORK
CLASS – VII(2019 – 20)



Instructions for the Holidays Home work:-

Note:-

- 1. Holidays Homework carries marks hence submission of work is latest by 10th July is compulsory for all students.**
- 2. The Holidays home work must be done in a very neat and presentable manner. Questions must be done in the given sequence.**
- 3. The child will be assessed for the presentation, neatness, completion of all the given questions and timely submission.**
- 4. Strictly adhere to the instructions.**
- 5. Revise all the subjects as it will help you for future assessments**

English

1. Complete lesson 13- **Reading Comprehension** in *Tsonga n Pansy*.
 2. **Conjugate** the following Verbs.
take, know, think, wait, knock, turn, put, fly, go, run, complete, believe, plan, come, stand, strike, lose, do, cut, hit
 3. **Activity: 'Towards A Better Environment'**
 - ❖ During your vacation, plant a sapling of your choice. Click a picture at every step and paste them on an A4 sheet.
 - ❖ Write a **Paragraph OR Poem** to share your experience about the activity
 - ❖ Prepare a proforma with the following details:
 - I planted a.....
 - My helped
 - I planted it in/at
 - It will begin to bear flowers/fruits.....
 - I take care of it.....
 4. Read **English Newspaper** daily. **Note down twenty new words** along with their **meanings**.
 5. Read any of these novels: **Oliver Twist / Adventure of Robinson Crusoe**. Write a character sketch of your favourite character
 6. Revise **First Periodic Test Syllabus**
- NB:**
- Maintain a proper **folder** for Holiday Homework.
 - All the work to be done on **A4 sheets**.

HINDI

- 1 निर्जीव वस्तु चॉक और ब्लेक-बोर्ड को सजीवता का रूप देते हुए, उनकी आपस में हुई बातचीत को संवाद-शैली में लिखिए।(A-4 sheetपर)
- 2 उगते सूर्य को निहारते हुए और उसके आसपास का चित्रण करते हुए, एक कविता लिखिए।(A-4 sheetपर)

MATHEMATICS

*Holiday homework is an attempt to channelize the creative energy of the children.
Doing it in the right – spirit with enthusiasm will make it a great learning experience.
Make sure that your work is neat, presentable and original and conforms to the
guidelines.*

- **MATHEMATICAL ACTIVITY**

Go through your previous year Report Card .Compare the marks obtained by you in all subject in the Term -I and Term - II examination by drawing a bargraph using paper cutting and pasting. Represent the data in tabular form also.

**To be done in Maths lab file only.*

- **SUBJECT ENRICHMENT ACTIVITIES**

- i. To verify that if two lines intersect at a point, then each pair of vertically opposite angles are equal by paper cutting and pasting.
- ii. To verify that if two parallel lines are cut by a transversal, then : (i) Each pair of corresponding angles are equal. (ii) Each pair of alternate interior angles are equal. (iii) Each pair of interior angles on the same side of transversal are supplementary. (By paper cutting and pasting)

** To be done in Maths lab file.*

- **Revise all the Chapters done in the class .**

- **WORKSHEET-2**

- 1) Write a pair of integers whose difference is an integer greater than -4 .
- 2) Verify the following: - $22 \times [(-19) + 5] = 22 \times (-19) + 22 \times 5$
- 3) Using the properties of multiplication, find the following products: -
 - i) $4 \times (-512) \times 25$
 - ii) $(-199) \times 25$
 - iii) $1401 \times (-82) + (-1401) \times 18$
- 4) Write down 4 pairs of integers a and b such that $a \div b = -5$.
- 5) A vegetable merchant gets a profit of Rs 100 per bag on onions sold and a loss of Rs. 30 of potatoes per bag on potatoes sold.
 - a) If he sells 30 bags of onions and 50 bag of potatoes on a particular day, what is his profit or loss?
 - b) Find his profit or loss if he sell 60 bags of potatoes and 30 bags of onions.
- 6) i) The product of three positive integers and two negative integers is a _____ integer.
 - ii) The product of 4 positive integers and 5 negative integers is a _____ integer.
- 7) A can contains $2\frac{1}{2}$ L of oil, from which $1\frac{4}{5}$ L of oil is used for making potato chips. Find the quantity of oil remaining in the can.
- 8) Solve: -
 - i) $9\frac{1}{4} + 5\frac{3}{8}$
 - ii) $5\frac{1}{6} - 3\frac{1}{4}$
- 9) Find the following products and express them as a mixed fraction: -
 - i) $4 \times 7\frac{1}{5}$
 - ii) $9\frac{2}{3} \times 21$
 - iii) $16\frac{1}{2} \times 2\frac{3}{5}$
- 10) Find out which is greater: - $\frac{1}{2} \times 4\frac{1}{7}$ or $7\frac{1}{2} \div 3\frac{1}{2}$
- 11) A car covers 15 km using 1 L of petrol.
 - a) Find the distance it can cover using $3\frac{1}{5}$ L of petrol.
 - b) Find the quantity of petrol required to cover 100 km.
- 12) Find: - i) $\frac{1}{3} \div 9$ ii) $1 \div 11\frac{1}{9}$ iii) $4\frac{1}{5} \div \frac{7}{15}$
- 13) Three painters completed $\frac{2}{7}$, $\frac{1}{5}$ and $\frac{3}{10}$ of a work each on three consecutive days. Find out which painter did the most work in the three days.

14) Write the expanded form of 373.509.

15) Express: - i) 6 mm = _____ cm = _____ m

ii) 3 mL = _____ Liii) 20 cm = _____ km

iv) 5 rupees 5 paise = Rs. _____

16) Find the product of decimals: - i) 0.3×6 ii) 2.45×10 iii) 2.15×1000 iv) 3.4×2.4

17) Divide the following: - i) $0.8 \div 4$ ii) $48.7 \div 10$ iii) $27 \div 1000$ iv) $8 \div 3.2$ v) $8.85 \div 0.15$

18) What should be added to 7.346 to get 8.

19) Which of the following is smallest?

i) 37.31×1.1 ii) 3.731×0.11 iii) 373.1×0.011 iv) 0.037371×1.1

20) Which of the following is the largest?

i) $4.8 \div 1.2$ ii) $0.48 \div 0.12$ iii) $48 \div 1200$ iv) $4.8 \div 0.012$

**Do worksheet in A-4 sheets..*

Science

Make a project showing In what ways rapid, unplanned and unsustainable pattern of urban development are causing various physical and mental health hazards throughout the world' ?

❖ List down some innovative ways which we can adopt to solve this problem.

❖ Graphically represent urban growth of India, USA and Japan over last 50 years.

(Note down the project work in your science practical file.

Also collect and paste pictures related to this topic wherever it is required.)

OR

Prepare a script of a street play through which you can express the effect of urbanization on environmental, physical and mental health and some innovative ways which can be adopted to minimize this problem. **(Note down the script in your science practical file.)**

SOCIAL SCIENCE

Collect pictures and information about the following buildings/monuments according to the given guidelines:-

1) Quwwat-al-Islam Mosque and Minarets (Roll no-1-8)

2) Begumpuri Mosque (Roll No-9-16)

3) Agra Fort (Roll No-17-24)

4) Fatehpur Sikri (Roll No- 25-32)

5) Humayun's Tomb (Roll No- 33 onwards)

Guidelines-

a) Name of the building

b) Builder of the building

c) Architectural Patterns followed

d) Any other special feature.

Note- To be done on A4 size sheet and compile in a folder

COMPUTER

Q1) Revise Periodic Test-1 syllabus and Complete the Ques Ans of Chapter 1 and 2

Q2) Do the Questions given in the following worksheet in Computer Notebook.

Computer Worksheet (Ch. – 1, 2)

1. What is Number system? What are its types?

2. Explain the following Number systems with examples:

1. Decimal Number system

2. Binary Number system

3. Octal Number system

4. Hexa Decimal Number system

3. Convert the following into Decimal to Binary

1) 72

2) 520

4. Convert the following into Binary to Decimal

1) 100110

2) 101010

5. Convert the following into Octal to Decimal

1) (255)₈

2) (516)₈

6. Convert the following into Decimal to Octal

1) (52)₁₀

2) (103)₁₀

7. Perform Binary addition :

1) 101011+001101 2) 1100101+11001

8. Find the difference between the following Binary numbers

1) 10011-01110

2) 1010-0011

9. Multiply the following Binary numbers

1) 100 X 011

2) 10101 X 101

10. Explain the elements of a Formula.

11. Difference between Basic formula and Compound formula.

12. Explain different types of Cell reference.

13. Write the functions of following errors:

1) #####

2) #NAME? Error

3) #VALUE Error

4) #DIV/o! Error

5) #REF! Error

Q 3) Its holidays and sure you will enjoy outings on different food outlets. Prepare an excel workbook showing the details of all the outlets you visited along with **Date, Place, Total Expenditure and savings**. Use the Functions and find out How much you have spent (Total) , Find the maximum amount you have spent , Find the minimum amount you have spent , and count the number of outlets you have visited. (using functions).

Sanskrit

1. (मौखिक कार्य)Periodic test-1का पाठ्यक्रम कठस्थ करिए।

2. (लिखित कार्य) किन्ही तीन भाषाओं में (हिंदी, अंग्रेजी, संस्कृत) एक से बीस तक की गिनती शब्दों में लिखिए। (A-4 Sheet)

FRENCH

1) Present Your Family in 15 Lines (French Notebook)

2) Make Sentences With Following Verbs : ,Aimer, etre , avoir, et regarder (5 Sentences With Each Verb) In the N.B

3) Learn the body parts (any 10)

ART AND CRAFT

TOPIC : Make any 2d or 3d items with BEST OUT OF WASTE (avoid using Thermocol Sheets)

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