HOLIDAY HOMEWORK (CLASS 7)

Maths
1. Make a robot with the help of geometrical figures [two dimensional and three dimensional].
2. Prepare a coloured chart paper expressing 'the number system' (natural numbers, whole numbers, integers, rational and irrational numbers) and their properties.
3. Draw a bar graph representing monthly expenditure of various daily life expenses such as education, medical, food, electricity, rent, clothes, transport etc.(minimum 6 different fields)
4. Solve the crossword puzzle and Sudoku from the newspaper (5 each) and paste it on a chart paper. (Do it yourself, don't copy from anywhere)

English
1. In your English copy allot 4 sheets for different types of nouns. Paste or Draw at least four pictures to depict each noun.
2. Find 25 adjectives ending with the letter 'y' and make one meaningful sentence each.
3. Read any children's fiction book. Write briefly about the author and a short summary of the book.
4. Maintain a four-line copy to write two sentences each daily to improve your handwriting.

Science
1. Prepare an album with pictures of ten famous scientists and write their contribution
2. Collect 5 varieties of leaf samples, dry them and paste them as Herbarium on a chart paper.

हिंदी

1. वाणी के महत्व से संबंधित 5 दोहे और सूक्तियाँ लिखिए।

2. स्वच्छता अभियान के कार्यान्वयन को दर्शाते हुए परियोजना चित्र तैयार करते हुए अनुच्छेद लिखिए ।

संस्कृत

1. बालिका व मुनि शब्द रूप को सभी विभक्तियों व वचनों में लिखिए।

2. गम् व भू धातु का रूप तीनों लकारों में लिखिए।

Computer

1. Convert the following Decimal Numbers into their Equivalents in other three (Binary, Octal & Hexadecimal Number Systems) :-

a) $(733)_{10}$ b) $(397)_{10}$ c) $(465)_{10}$ d) $(127)_{10}$

2. Convert the following Numbers into their Equivalents in Decimal Number system :-

a) $(11001101)_2$ b) $(101111011)_{10}$ c) $(471)_8$

d) $(605)_8$ e) $(B07)_{16}$ f) $(CD5)_{16}$

3. Solve the Number Series (Part – K of Lesson-1 Exercise , Page-18)

4. Do Part-G of Lesson-2 Exercise (Page No- 32)

Note : All the work to be done in the Computer copy only.

History/ Civics

1. Make a Poster on 'Saying No to Gender Discrimination' and Write an interesting slogan for the poster.

2. Prepare a political Map of India, mark all the States, colour it and write a note on capital cities, language, cultural festivals, dance forms, tourist attractions in each states.

GEOGRAPHY

1. Prepare a scrapbook by drawing and pasting pictures of

i. Natural environment   ii. Human made environment

iii. Lithosphere   iv. Atmosphere

v. hydrosphere

And write in very brief about them in the scrapbook.

Please note: Periodic test is scheduled on 17/07/23 please study well