SUMMER HOLIDAYS HOMEWORK
Subject - Mathematics
Class - 7th

* learn and write table 2-20 (10 times)
* Do all the given questions.

Q1 Write all the Integers lying between
(a) -5 and 4   (b) -13 and -4

Q2 find the Sum
(a) $(-4) + (3) + (-5)$
(b) $5 + (-2) + (-5)$
(c) $(-25) + 50 + 20$
(d) $(40) + (-5) + (-20)$

Q3 Simplify by rearranging $(-125) \times 37 \times 8$

Q4 Simplify by distributive property
-37×98

Q5 Write three pairs of integers (a, b) such that $a \div b = -4$

Q6 Which is greater $\frac{1}{5}$ of 3 or $\frac{1}{3}$ of 5?

Q7 Product of two fractions is $\frac{3}{4}$. If one of the fraction is $7\frac{1}{2}$, then find the other.

Q8 Simplify: $2\frac{1}{2} \div 1\frac{3}{5}$

Q9 The breadth of a rectangle is 2.5 m. find the length if its area is 625.25 m².

Q10 The weight of 25 packets of butter is 6.25 kg, find the weight of 1 packet.

Q11 Organise the following marks in a class assesment, in a tabular form

4, 6, 7, 5, 3, 5, 4, 5, 2, 6, 2, 5, 1, 9, 6, 5, 8, 4, 6, 7.

a) Which number is the highest.
b) Which number is the smallest
c) What is the range of marks
d) Find arithmetic mean

Q12 If the mean of 6, 8, 5, n, 4, 7 and 8 is 7, find n.

Q13 In a mathematics test given by 15 students, the following marks are recorded.

41, 39, 48, 52, 46, 62, 52, 42, 96, 52, 40, 52, 72, 76, 80.

find the median for the data

Q14 Find the mode of the following data

12, 14, 12, 16, 15, 13, 14, 18, 19, 12, 14, 15, 16, 15, 16, 16, 15, 15, 17, 13, 16, 16, 13, 15, 17, 15, 14, 15, 13, 15, 14, 15, 15

Q15 The runs scored in a cricket match by 11 players are as follows.
60, 15, 120, 50, 100, 80, 90, 89, 15, 7, 15
find the mean, median and mode

Q16 Average monthly attendance of a class is given as such.

Month	July	Aug	Sep.	Oct	Nov	Dec
Attendance	54	45	46	50	52	53

Construct the bar graph to represent the above data.

Q17 A mathematics teacher wants to see the result in 5 weakest children of the class in quarterly list (out of 25) and in half yearly list (out of 25)

Students	Ashish	Arun	Kanish	Maya	Rita
Quarterly	10	15	12	20	9
Half Yearly	15	18	16	21	15

a) Who showed the good progress?
b) Who showed marginal progress?

Q18 find the mean of
a) the first seven natural numbers
b) the first five multiples of 3.

Q19 The following table shows the number of books which are meant for only reference in the library

Subject	Languages	Mathematics	Science	Commerce	History
No. of books	300	450	500	250	175

Draw a bar graph for the above data.

Q20 Find the mean, median and mode of the following.

(a) 3, 7, 8, 5, 6, 9, 6, 4, 6
(b) 25, 30, 26, 28, 33, 25, 26, 27
(c) 3, 4, 1, 5, 6, 4, 2, 4
(d) 20, 30, 40, 40, 10, 16, 40, 30.

Maths Puzzle and Mental Maths

Q21 Find the Missing number in the place of the question mark

256	128	2
168	56	3
1200	300	?

Q22 Find the missing number in the place of the question mark.

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     3              2              3
 3 ( 90 ) 5     1 ( 24 ) 4     6 ( ? ) 2
     2              3              5
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Q23 Complete the Series

5, 10, 15, 20, ?, 30, 35, ?, 45, ?, 55

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Q24 What is the value of x

3 △ 1
8
4

5 △ 2
11
4

4 △ 2
x
5
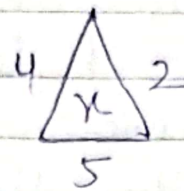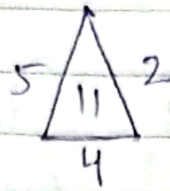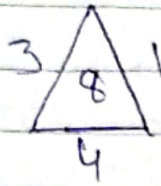
Q25 What number came on the place of question mark

5	2
10	4

6	4
12	8

7	8
?	7

Q26 Fill in grids so that each column, row and diagonals add up to the given sum.

The sum is 102

48			
	30	33	24
			36
	45	42	3

Q27 Which number will come on the place of question mark

④ ⑨
36

⑤ ⑯
80

⑮ ㉕
?
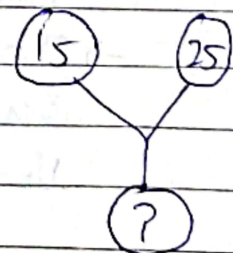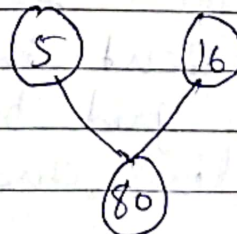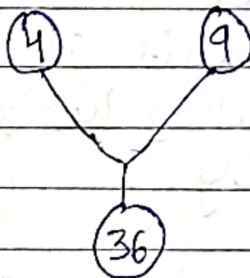
Q28 Which of these number is a multiple of 10?

26, 32, 19, 40, 55, 12

Q29 $7 \times 8 = 151$, $4 \times 6 = 102$, $5 \times 9 = 144$, Find the $\downarrow$
     value 2×5

Q30   If P denotes $\div$, Q denotes $\times$, R
     denotes $+$ and S denotes $-$, What
     is the value of 18Q12P4 R5 S6?

Q31   Complete the series: 2, 5, 8, 11, ___, ___, ___

Q32   Fill in the blanks:
     $7.035 m = $ ___ m ___ cm ___ mm

Q33   Work out $7 \times (11 - 6) + 4$

Q34   which number is not Prime?
     29 , 17 , 31 , 23 , 39

Q35   I am between 20 and 30, I am
     a multiple of both 3 and 4. who
     am I.

Activity

Q36   Collect the data of no. of children in
     5 families around your neighborhood.
     Then Represent the data by a
     (i) Bar graph
     (ii) Draw a frequency distribution table

Q37   Multiplication of decimals experimentally
     → To represent the product of decimals
     on 10×10 grid by drawing horizontal /
     Vertical lines and shading.

Q38   Make a chart on the topic place
     Value table of decimal number.

Q39 Make a Chart on the topic Properties of Rational numbers.

Q40 Art Integrated Project
Topic:- Monument / Temple of Manipur

ग्रीष्मावकाश गृहकार्य (20-23-24)

कक्षा सातवीं

विषय - हिन्दीप

प्र०:1 'कश्मीर भारत का मान है, अभिमान है' विषय पर लेख लिखिए।

प्र०:2 जो चिड़िया बड़ी कुशलता से अपने घोंसले का निर्माण करती है, उस चिड़िया के विषय में पता लगाकर उसके विषय में लगभग 100-150 शब्दों में अनुच्छेद लिखिए

प्र० :3 बहुत से व्यक्ति अभ्यास के दवारा ही अपने-अपने क्षेत्र जैसे संगीत, खेल आदि में प्रसिद्ध हुए हैं, ऐसे ही तीन व्यक्तियों के विषय में A-4 साइज शीट पर सचित्र परियोजना कार्य तैयार कीजिए।

प्र०:4'जल ही जीवन है' विषय पर दस-बारह पंक्तियों की स्वरचित कविता लिखिए या आकर्षक ढंग से स्लोगन लिखिए ।

प्र0:5 मणिपुर राज्य के धार्मिक स्थलों के विषय में सचित्र परियोजना कार्य कीजिए ।

* करवाए पाठ्यक्रम की पुनरावृत्ति करें।

* ग्रीष्मावकाश गृहकार्य A-4 साइज सीट पर आकर्षक डिजाइन बनाकर करें।

Activity-1

Prepare a project on the Topic

"Medieval Architecture" Under the following heading-

- **Architecture during sultanate people**
- **Architecture during Mughal Period**

Activity-2

CBSE ART INTEGRATED PROJECT

Prepare a project on the Topic **MONUMENTS OF MANIPUR**

GROUP-1 Students need to present any one of the temples with the support of drawing, sketch, or a graphical representation regarding the structure, special features about the monument, building materials, and the significance of the monuments concerning the economic activities and heritage of India

GROUP-2 Choose any 2 monuments of MANIPUR,paste their picturers ,Each monument you have to describe in the following manner.

When and by whom it was built

Brief description of the monument

GROUP-3 Select four monuments of each Ancient,medieval and modern architecture,

Give a brief overview of its historical importance and physical structures.

GROUP-4 Write how these monuments are distinct from each other.

GROUP-5 Make a model of one of the HISTORICAL MNUMENTS OF MANIPUR.

GROUP-6 Make a collage of RELIGIOUS MONUMENTS OF MANIPUR.

GROUP-7 Make a collage of HISTORICAL MONUMENTS OF MANIPUR.

Project should be prepared in A4 size sheets. It should be neat and proper.

Learn UT-2 Syllabus.

CLASS VII HOLIDAY HOMEWORK SCIENCE

Dear Children, It's time for the summer vacation, and it is the time where we have fun with our family members. So we have designed some fun projects for your holidays that will help you learning with enjoyment along with your family.

PROJECT: HEALTHY LIFESTYLE As we discussed the topic Nutrition in Animals in the class and we hope that you have realised how important it is for us to have balanced diet in order to keep our body working and healthy, based on the topic following activities are designed.

ACTIVITY 1: Discuss with your parents and grandparents, the way to lead a healthy life. Based on the discussion design a diet plan for the children of your age group with tips and suggestions to lead a healthy life.

ACTIVITY 2: Work on your self-healing power and write various ways to boost your immune system.

ACTIVITY 3: Fast food is not good for health. Compose a story (150-200 words with pictures and drawings) with this message wherein a girl or boy explains to her/his younger brother, the bad effects of eating fast food. Hope you enjoy doing these activities with your family. Wishing you happy and safe holidays

NOTE- 1. WRITE the above project work in A4 SIZE SHEET and compile them in a folder.

2.LEARN all the questions and answers along with book exercises of the following chapters

CH 1 NUTRITION IN PLANTS
CH 2 NUTRITION IN ANIMALS
CH 3 HEAT
CH 9 MOTION AND TIME

Class-7.

ENGLISH HOLIDAY HOMEWORK

- Make an attractive A-4 Size folder to keep your holiday H.W. in it.

1. Write 40 new-words along with their meanings on A-3 sized sheet and decorate it accordingly.

2. Make a chart on cybercrime- Its definition, ways and preventive measures in a tabular form.

3. Read the poem stopping by the woods' and write the main idea, poetic devices along with I illustration.

4. Revise U.T-2 syllabus.

Download English worksheet from E-care. Complete them and submit them with English H.W.

ART INTEGRATED ACTIVITY (MANIPUR)

Note: All the work is to be presented on A-4 size sheet and decorated accordingly.

1, Write an informal letter to your friend to your friend telling him about a trip to historical Monument of Manipur

2) Write a Notice and inform the Students of your school about a school trip to Manipur. (Mention 3 places to be visited along with its historical importance)

3, Write a short note on God and Goddesses of Manipur along with pictures.

4, Write paragraph on the topic Relevance of Monuments of Manipur.

5) Prepare a PPT on Monuments of Manipur and mention their importance.

(Take a printout to be submitted.)

English Worksheet – Notice Writing

Q.1. While playing in the school ground you found an umbrella lying near water station. Write a notice for the Students' Notice Board announcing the find and asking the owner to claim it.

Mention the below points in your notice:

i. What you have found

ii. Where have you found it.

iii.Who the owner should contact to identify and claim it

iv. Where and when that person/official can be contacted

ENGLISH HOLIDAY HOMEWORK

Past Simple Form

Write the past simple form of each verb:

1. do - _____

2. buy - _____

3. come - _____

4. hear - _____

5. feed - _____

6. hurt - _____

7. forget - _____

8. write - _____

9. think - _____

10. speak - _____

Past Participle Form

Write the past participle form of each verb:

1. begin - _____

2. find - _____

3. tell - _____

4. steal - _____

5. swear - _____

6. mistake - _____

7. let - _____

8. keep - _____

9. freeze - _____

10. do _____

Fill in the blanks with the past simple form of the verb in parentheses:

1. A mosquito _____ (bite) me!

2. Grandpa _____ (catch) eight fish on our fishing trip.

3. When Whitney stepped in the gum, her flip-flop _____ (stick) to it.

4. They _____ (wake) up at 4:30 a.m. to catch their 7:00 flight.

5. We _____ (fly) from New York to Atlanta for the conference last month. 6. My

stomach _____ (feel) strange for hours after I ate that old bread.

7. Stephanie _____ (give) her sister a CD for her birthday.

8. Ben and Matt _____ (make) a movie about a really smart janitor at Harvard.

9. The dog_____(dig) a hole in the yard.

10. I stepped in the hole and_____(break) my ankle.

Enter the missing verb in each line in the chart:

Base	Past Simple	Past Participle
Teach	Taught	Taught
Shoot		Shot
Quit	Quit	
	Ran	
Fight		
		Had
Win		Won
Take	Took	
	Shook	Shaken
Drive	Drove	
Bring		Brought
See		
Throw		Thrown
	Found	

	Spoke	Spoken
	Grew	

Complete the given table with the correct word:

VERB	NOUN	ADJECTIVE
act	action	
beautify		beautiful
	benefit	beneficial
care	care	
clear		clear
comfort	comfort	
considerable	consideration	
craze		crazy
create		creative
decisive	decision	
delight	delight	
differ		different
	distraction	distracted/ing
hate	hatred	
hope		hopeful
	impression	impressive
include	inclusion	
indicate	indicative	
insulting	insult	
intend	intention	
madden	mad	
define		definite
originate	origin	
bore	boredom	
confide	confidence	