HOLIDAY HOME WORK FOR SUMMER VACATION
w.e.f. 02-05-2020 to 19-06-2020
CLASS-VII
MATHEMATICS

In Home Work Copy :- (*Home work copy means, in your maths copy , from middle, already you have made HW Part*)
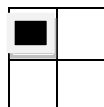
1. **Write** in Home work copy and **Learn** table from 1 to 20 .
2. Solve practice paper in Home work copy. (Question paper is attached)

In Activity Copy :- (*One side plane, no line and opposite side single line*)

1.Activity no. 01 : Write Biography and contribution of any world level Mathematician (other than Indian) with Photographs. (Paste photograps on left plane side)

2.Activity no. 02 : By taking Graph paper , Take different rectangles as object and shade the following fractions :-

Example : $\frac{1}{4}$ can be expressed as

Note : In activity copy questions will be on right side and pasting of graph sheet on left side.

Now show the followings :

(a) $\frac{3}{5}$ (b) $\frac{5}{6}$ (c) $\frac{4}{15}$ (d) $\frac{1}{3}$ (e) $\frac{9}{20}$ (f) —   (g) $\frac{7}{8}$ (h) $\frac{4}{9}$

In PISA COPY : Make a single line 100 page copy for PISA WORK. Write and solve the given activity/ work.

Preparation :- Prepare yourself for coming term-1 test. Already you have completed two chapters in your Class Work Copy.

DINESH KUMAR THAKUR
TGT-MATHS
KV NAYA RAIPUR

……

FILL IN THE BLANKS :-

Q.1.   When $\frac{26}{7}$ is converted to mixed fraction, it becomes................

Q.2. $(-3) - (....) = 5$

Q.3.   The multiplicative identity for multiplication of integers is………

Q.4 $\frac{2}{11} + \frac{3}{11} + \frac{5}{11} =$ ....

Multiple choice questions

Q.5.   26.3 ÷ 1000   is equal to

a) 2.63   b) 0.263   c) 0.0263   d) 0.02360

SOLVE THE FOLLOWING QUESTIONS :-

Q.6.   Evaluate $13 \div [(-2) + 1]$

Q.7.   Write two pairs of negative integers whose sum is -15

Q.8.   Find the value using suitable property
$79 \times (-36) + 21 \times (-36)$

Q.9.   Multiply and express as a mixed fraction the following.
$5 \times 7\frac{5}{6}$

Q.10. Evaluate $[(-6) + 5] \div [(-2) + 1)$

Q.11. Verify $a \times (b + c) = (a \times b) + (a \times c)$ by taking

$a = 2$, $b = -3 \ and$ $c = 4$.

Q.12. In a quiz, scores of team A are   30, $-12 \ and$ 40. Scores of team
B are -15,   60 and 15.   Which team won the quiz and by how
many points?

Q.13. Which is greater $\frac{2}{7}$ of $\frac{3}{4}$ or $\frac{3}{5}$ of $\frac{5}{8}$?

Q.14. In a class test containing 10 questions, 5 marks are awarded for every correct answer and (-2) marks are awarded for every incorrect answer and 0 for questions not attempted.

    (1)   Amit gets four correct and six incorrect answers. What is his score?

    (2)   Anand gets 3 correct and 3 incorrect answers out of 6 questions he attempted. Find the score of Anand.

Q.15 Verify: $(-21) \times [(-4) + (-6)] = [(-21) \times (-4)] + [(-21) \times (-6)]$

Q.16. In a magic square each row, column and diagonal have the same sum. Check if the following is a magic square or not.

5	−1	−4
−5	−2	7
0	3	−3

Q.17. Lipika reads a book for $3\frac{1}{5}$ hours every day. She reads the entire book In 6 days. How many hours are required for her to read the entire book?

"DO NOT WORRY ABOUT YOUR DIFFICULTIES IN MATHEMATICS.

I ASSURE YOU THAT MINE ARE GREATER."

→ Albert Einstein

PISA WORK

(DO IN PISA COPY)

SUDOKU **Fill in the puzzle so that every row across, every column down and every 3 by 3 box contains the numbers 1 to 9.**

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

Clues:
1. Seek a 2 in the centre block of squares
2. Finish the centre block of squares
3. Search for 2s everywhere

HOLIDAY HOME WORK FOR SUMMER VACATION
w.e.f. 02-05-2020 to 19-06-2020
CLASS-VII
SCIENCE

In Home Work Copy :- (*Home work copy means, in your maths copy , from middle, already you have made HW Part*)

1. Solve practice paper in Home work copy. (Question paper is attached)

In Activity Copy :-(*One side plane, no line and opposite side single line*)

Four activities are attached.

In PISA COPY : Make a single line 100 page copy for PISA WORK. Write and solve the given activity/ work.

Preparation :- Prepare yourself for coming term-1 test. Already you have completed two chapters in your Class Work Copy.

DINESH KUMAR THAKUR
TGT-MATHS
KV NAYA

RAIPUR

KENDRIYA VIDYALAYA NAYA RAIPUR
PRACTICE PAPER SUBJECT: SCIENCE
CLASS: VII
(DO IN HW COPY)
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1. What is the source of energy in the process of photosynthesis ?
2. Name the gas that is used by the plants in photosynthesis.
3. Which gas is the waste product of photosynthesis?
4. What is the source of water for the plants for photosynthesis?
5. Which part of the plant helps it to absorb water and minerals?

6.Tick the correct option

1.Which of these are necessary for photosynthesis to take place?

i) Carbon dioxide   ii) Chlorophyll.   iii) Water   iv) All of these

7.,   Give scientific reasons-

i) Photosynthesis cannot take place in night.
ii) Algae are green in colour.
8.   i) What is autotrophic mode of nutrition?
ii) Why is sun called the ultimate source of energy?
iii) What is the function of stomata,
9.   Fill in the blanks-

1. Tiny pores on the surface of leaves are called _____.

2. Photo means _____and synthesis means _____.

3. _____ and _____ are the two raw materials needed for
    photosynthesis.

4. Carbon dioxide is taken in from the _____by the leaves for
    photosynthesis

5. Water and minerals are transported to the leaves by the _____
    which run like pipes throughout the root, the stem, the branches and
    the leaves.

6. Match the following   3

	A	B
i.	Ingestion	large intestine
ii.	Absorption	mouth
iii.	Egestion	small intestine

7. Name the following

   i. Largest gland present in human body

   ii. Food pipe through which food passes from the mouth to stomach

   iii. The acid present in the stomach

   iv. The sac like structure in which bile is stored

   v. The finger like projections present in the inner lining of small intestine

PISA

(DO IN PISA COPY)

Read the following passage and answer the questions-

PHOTOSYNTHESIS — FOOD MAKING PROCESS IN PLANTS

Leaves are the food factories of plants. The synthesis of food in plants occurs in leaves. Therefore, all the raw materials must reach there.

Water and minerals present in the soil are absorbed by the roots and transported to the leaves.

Carbon dioxide from air is taken in through the tiny pores present on the surface of the leaves. These pores are surrounded by 'guard cells'. Such pores are called stomata.

The leaves have a green pigment called chlorophyll. It helps leaves to capture the energy of the sunlight. This energy is used to synthesize (prepare) food from carbon dioxide and water. Since the synthesis of food occurs in the presence of sunlight, it is called photosynthesis (Photo: light; synthesis: to combine).
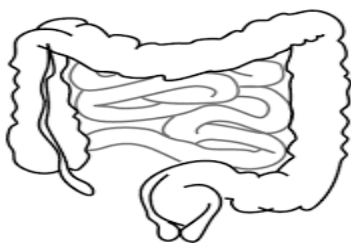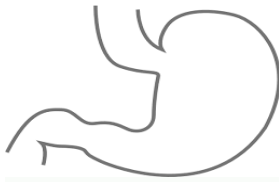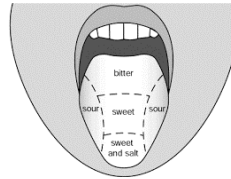
. The solar energy is captured by the leaves and stored in the plant in the form of food. Thus, sun is the ultimate source of energy for all living organisms.

1. The green pigment present in leaves is called _____.
2. The function of chlorophyll is to capture _____ in the process of photosynthesis.
3. _____ is called the ultimate source of energy.
4. Water and minerals are absorbed by the roots from the _____.
5. Stomata are surrounded by _____ cells.

(DO IN ACTIVITY COPY)

Activity - 1

- Picture activity- Write the names of the organs of the digestive system and arrange them in correct order by drawing arrows

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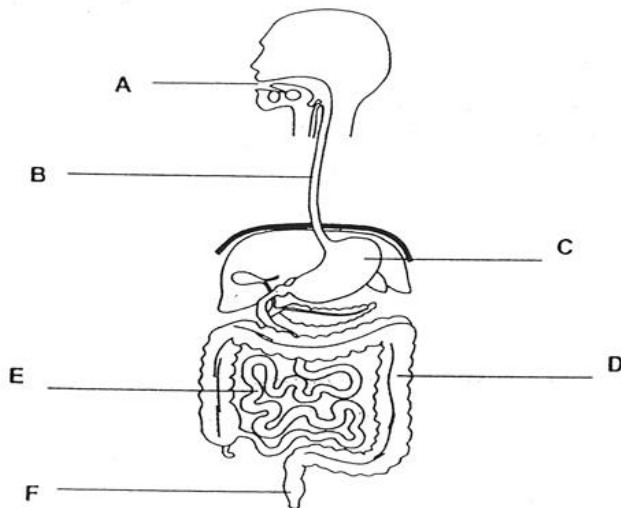

ACTIVITY 2 :

Find the given words related to "Nutrition in animals" from the word maze and write one sentence about it.

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e a a n x d e n j o k t p d o
s m s n o i t s e g i d m e p
o o s d s i e j o m s j s u d
l e i p h x t g c a u o s g r
u b m v u s r s e w p r e r x
l a i n f g s r e h r h l q e
l s l b f b c q a g p x i h f
e d a r z n i g m z n j b q r
c k t l a d u d r a w i s c s
f o i p i s e g e s t i o n l
h f o t e v t v y p r y i i o
r k n x k z a h v s t b v p r
p p w h m x h e s v y e i j a
i l l i v j h t f x r p j v x
k x q o i o v z p q f c m k w
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(1) Amoeba   (2) Assimilation   (3) bile   (4) cellulose
(5) Digestion   (6) egestion   (7) ingestion   (8) liver
(9) Oesophagus   (10) pancreas   (11) rumen   (12) saliva
(13)   villi

ACTIVITY 3 : Draw a neat diagram of the tongue and show the different regions of taste present on it

ACTIVITY 4 : Label the diagram of human digestive system

HOLIDAY HOMEWORK

ENGLISH:

1. Make a bookmark . Decorate it and write an inspirational quotation by a well-known poet or author. Decorate and present it beautifully.
2. Write 50 verbs with all three forms.
3. Make a dictionary. Write five words each for every letter with their meanings. Form sentences using at least one word starting with each letter.
4. Read a story book of your choice and prepare a review.

SOCIAL STUDIES:

1. Writing: Define the terms- Ecosystem, Biosphere, Universal Adult Franchise, Constitution
2. Draw 'Domains of the Environment' (Draw on a chart)
3. Learning: Ch. 1 (History, Geography, Civics)
4. Reading for understanding: Ch.2 (History, Geography, Civics)
5. Map work: States and Capitals of India, Union Territories

सातवीं	संस्कृत	1.एतत् शब्दरूपाणि (पुँल्लिङ्गे) । 2.एतत् शब्दरूपाणि (स्त्रीलिङ्गे) । 3.एतत् शब्दरूपाणि (नपुंसकलिङ्गे) । 4.तत् शब्दरूपाणि (पुँल्लिङ्गे) । 5.तत् शब्दरूपाणि (स्त्रीलिङ्गे) । 6.तत् शब्दरूपाणि (नपुंसकलिङ्गे) । 7.चर् धातुरूपाणि (लट् , लृट् , लङ् , लोट् , विधिलिङ् लकारेषु) । 8.कृ धातुरूपाणि (लट् , लृट् , लङ् , लोट् , विधिलिङ् लकारेषु) । 9.वस् धातुरूपाणि (लट् , लृट् , लङ् , लोट् , विधिलिङ् लकारेषु) 10.पठ् धातु के पाँचों लकारों में हिंदी और संस्कृत में वाक्यरचना ।	1.वर्णविचारः (दोनों पेज़)।	रुचिरा -2 के परिशिष्ट में ये सब कार्य उपलब्ध हैं ।
	हिंदी>	1.वर्णमाला बारहखड़ी । 2.प्राचार्य के प्रति आवेदन पत्र । 3.मित्र को अपने जन्मदिन में सम्मिलित होने के लिए पत्र । 4.अनुच्छेद लेखन (कोरोना , अनुशासन का महत्त्व) ।	1.जून माह के किन्हीं 15 दिनों के हिंदी समाचार पत्रों से रोज़ एक सुविचार संकलन ।	ये सारे कार्य गृहकार्य कॉपी में ही करने हैं ।