



RAMANUJAN GLOBAL SCHOOL, MANESAR

(SUMMER HOLIDAY HOMEWORK)

CLASS-VII

Scrap book fun

Let's make a scrap book.

Collect photographs of your summer vacation trip.

Cut and paste photographs of your family members (father, mother, siblings, grandparents) and the places you visited in you scrap book. Decorate the cover of your scrap book using tip printing, thumb printing, hand printing.

Learn any rhyme of your choice (3-4 lines) and recite it in front of your friends when you come back to class.

Environment Day is on 5th June so make a scrap book of different types of leaves that you can pick from the garden. Do not pluck the leaves.

Father's Day Celebration

As father's day falls in the month of June here is an interesting activity which you can enjoy with your children.

Spend an entire day with your children. Tell them the stories related to you and your father (child's grandfather).

Make a simple yet special card for the child's grandfather and then request the child to make something special for you, anything they can use colors.

International yoga day is on 21 June (Make yoga a part of your daily life)

Learn yoga asana (Minimum 5) and their benefits.

NOTE:- All Subject's Holiday Homework should be done in a separate notebook.

School has given home assignment for summer vacation to your ward in major subjects. So motivate and guide your ward to complete it.



INDEX

1.MATHS

2.COMPUTER

3.SCIENCE

4.SST

5.ENGLISH

6.HINDI



Maths

1. Do practice of Unit-1 to 4. Be ready for a welcome 'Class Test ' on 1st July 2024.
2. Write and learn Tables 2 to 22. (2 times)
3. Learn Roman Numerals 1 to 500.
4. Activity –a. Draw a bar graph (by collecting the birthday month of your friends)
b. Make a picture of your house using mathematical shapes.
5. Watch the movie "RAMANUJAN" on the you tube and write about his contribution in the field of mathematics. Also mention the name of theories that he has given to the world of mathematics.
6. Solve the given worksheets.



Question 1 :- Evaluate:

(i) $(4 - 6) \times (- 8)$

(ii) $(- 12 + 17) \times (- 6)$

(iii) $(- 5 - 6) \times 4$

Question 2 :- Find the product of the following using some quicker groupings :

(i) $235 \times 99 + 235 \times 1$

(ii) $65 \times 11 + 65 \times (- 11)$

(iii) $27 \times (- 8) + 27 \times (- 10)$

Question 3 :- Calculate and verify using the associative law :

(i) $15 \times [(- 5) \times (- 4)]$

(ii) $[(- 6) \times (- 5) \times (- 2)]$

Question 4 :- Calculate and verify using distributive law over addition:

(i) $- 3 \times (2 - 7)$

(ii) $11 \times [3 + 1]$

(iii) $2 \times [11 - 15]$

(iv) $- 6 \times [- 25 + 5]$



$$(v) 456 \times [-5 + 105]$$

$$(vi) (-1) \times [-58 + 60]$$

Question 5 :- A person deposited Rs. 3800 in his bank account on Monday and withdrew Rs. 1200 on Tuesday. Next day, he deposited Rs. 1400 . What was his balance on Wednesday.

Question 6 :- Shahid gained Rupees 1500 in one transaction and lost rupees 1700 in another transaction. Did he gain or lose during the whole transaction and by how much ?

Question 7 :- The sum of two integers is 50 . If one integer is 400, find the other one.

Question 8 :- The difference between two integers is (-25) . If one integer is 45 find the other one.

Question 9 :- The product of two integers is (-1600) . If one integer is 40 find the other integer.

Question 10 :- Ram Gopal has $600/9$ kg of wheat. He has kept one-tenth of it for his own use and distributed the rest among 6 people. How much kg of wheat does each person get ?



Question 11 :- If $\frac{10}{15}$ of cloth is shared equally by 10 people, calculate the length of cloth received by each person.

Question 12 :- Is it possible to give $\frac{100}{15}$ kg of rice to each of 10 persons from the stock of 66 kg of rice ?

Question 13 :- Solve -

- (i) $\frac{7}{10} + \frac{2}{5} + \frac{3}{2}$
- (ii) $\frac{9}{11} - \frac{4}{15}$

Question 14 :- Arrange in descending order :-

- (i) $\frac{2}{9}, \frac{2}{3}, \frac{8}{21}$

Question 15 :- Find : $\frac{3}{4}$ of

- (i) 16
- (ii) 124

Question 16 :- Vidya and Pratap went for a picnic. Their mother gave them a water bottle that contained 5 litres of water. Vidya consumed $\frac{2}{5}$ of the water. Pratap consumed the remaining water.

- (i) How much water did Vidya drink?
- (ii) What fraction of the total quantity of water did Pratap drink?



Computer

1. Draw 5 input devices on a chart and write their uses. (Roll- No- 01 to 07)
2. Draw 5 output devices on a chart and Write their uses. (Roll-No – 08 to 15)
3. Learn the keys of QWERTY keyboard .
4. Learn ch-1,2,10.
5. Create an email id with strong password.
6. Convert the following decimal numbers into their binary form.
 - a. 6125
 - b. 3842
 - c. 1761
 - d. 5834
7. Convert the following binary numbers into their decimal form.
 - a.11001010
 - b.1001001101
 - c.1001100100
 - d.111101010
8. Create a worksheet which would contain the prices of different stationary items like pen, pencil, scale, eraser etc. It should also maintain the quantity of each item.You appropriate functions to find:
 - i. Product of quantity and price. (ii) Total of all items.
9. It is your best friend's birthday. Send him a beautiful E-greeting card with a personalized message from any E-greeting site you like.
10. Make an account on Twitter and follow 3 of your favourite celebrities on it.



Q.1 Fill in the blanks.

- a.) ISDN stands for _____.
- b.) _____ provides real time video and voice communications.
- c.) A blog is a _____ log.
- d.) HTML stands for _____.
- e.) A program is a set of _____.

Q. 2 True or False.

- a.) Blog is a weblog.
- b.) An e – ticket stands for electronic ticket.
- c.) Internet is a largest network.
- d.) E – commerce is a process of buying and selling goods over the internet.
- e.) Popular social networking sites include Facebook and Orkut.
- f.) Assembler is a translation program.
- g.) High level languages are easy to understand

Q.3 What do the following abbreviations stand for?











- a.) COBOL _____
- b.) BASIC _____
- c.) FORTRAN _____
- d.) MSWLOGO _____
- e.) HTML _____

Q.4 In which year were the following languages developed:

- a.) Java _____
- b.) C++ _____
- c.) FORTRAN _____



Match the following.

S. N	Column 1	Column 2
1	Integrated Circuit 	Second Generation Computer
2	Vacuum Tubes 	Father of Computer Science
3	Transistors 	Third Generation Computer
4	Charles Babbage 	First calculating device
5	Artificial Intelligence 	First Generation Computer
6	Microprocessor 	Sir John Napier
7	Abacus 	First mechanical calculator
8	Pascaline 	First computer programmer
9	Napier's Bone 	Fifth Generation Computer
10	Lady Augusta Ada 	Fourth Generation Computer



Science

1. Revise chapter – 1 to 5.
2. Make a chart of Digestive system (Roll No-01 to 05).
3. Make a chart on life cycle of a Moth(Roll No- 06 to 10)
4. Make a chart on process of nutrition in Amoeba (Roll No-11 to 15)
5. Write exercise of ch-1 to 5 in notebook.
6. Visit a tailor shop and collect some samples of fabrics. Paste these samples in your scrapbook and write the sources of samples and its uses.

Worksheet

1. Fill ups :-

- a. The presence of _____ in leaves indicates the occurrence of photosynthesis.
- b. Substance that do not conduct heat are called _____.
- c. Temperature is measured in degree _____.
- d. Plants getting nutrition from dead and decaying matter are called _____.

2. True / False:

- a. Heat energy flows from one body to another due to temperature difference between the two bodies. _____
- b. The fluid at the bottom of the pitcher plant contains digestive juices that digest the insects. _____
- c. The clinical thermometer does not have Kink near the mercury bulb. _____



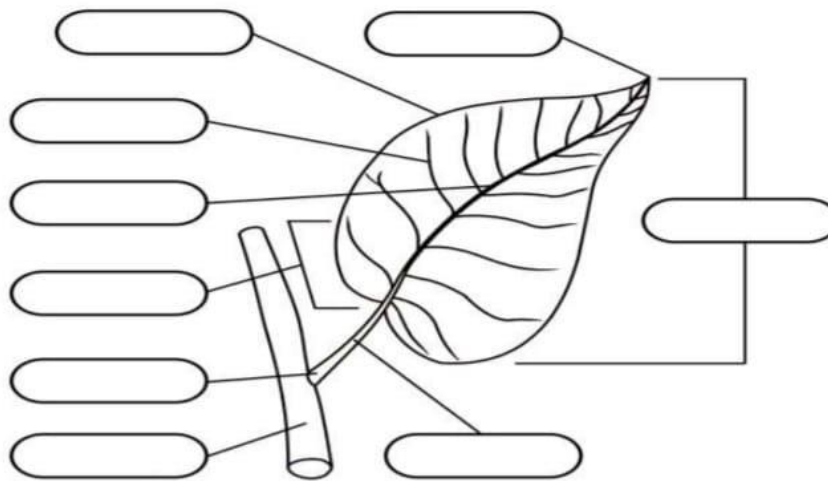
3 . Write the scientific terms of the following:

- a. Plants that trap and eat insects .
- b. The kitchen of the plant.
- c. The green pigment present in a leaf .
- d. The gas released during photosynthesis.

4 . Give one word answer :

- a. _____ carries water and minerals from the root to the leaves of the plants.
- b. A group of organisms which live together and Share shelter and nutrients are called _____.
- c. The food synthesized by plants is stored as _____.

1. Label the parts of the leaf and parts of the plant shown below.



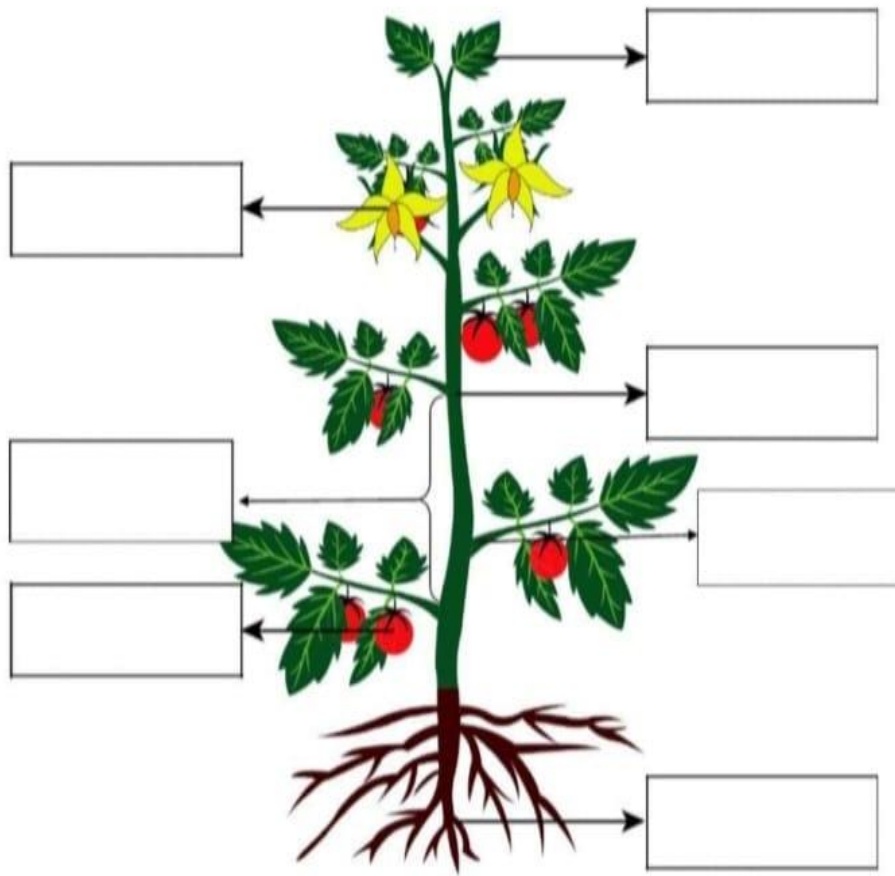
Word Box		
Leaf base	Axil	Stem
Petiole	Tip	Vein
Leaf-blade	Margin	Midrib



Parts of a Plant

A 'plant' is a living thing that is very important to the survival of all living beings. Different types of plants include trees, grasses, ferns and cactus etc. Plants grow from a seed by absorbing water and nutrients through their roots. Plants play an important role in the environment as it absorbs carbon dioxide and releases oxygen in the atmosphere.

1. Label the parts of the plant.





Social Science

1. Revise Ch-1,2 (History, Geography, Civics)
2. Make a model of the Volcano with Clays.
3. Write some catchy slogans to promote democracy in India.
4. Make a chart on Stop Polluting the Earth. (Roll-No-01 to 07)
5. Make a chart on Rock Cycle. (Roll-no-08 to 15).

Q1.Choose the correct option

- i. An earthquake is measured with a machine called a
 - a) Telegraph
 - b) Seismograph
 - c) compass
 - d) none of these
- ii. Mushroom rocks are found in
 - a) Deserts
 - b) River Valleys
 - c) Glaciers
 - d) Plains
- iii. The most important layer of the atmosphere is the
 - a) troposphere
 - b) mesosphere
 - c) exosphere
 - d) thermosphere
- iv. Which of the following layers of the atmosphere is free from clouds?
 - a) troposphere
 - b) mesosphere
 - c) exosphere
 - d) thermosphere
- v. What are anganwadis?
 - a) Adult education centres
 - b) Yoga centres
 - c) Child care centres
 - d) Health centres
- vi. Who was given the title "Pandita"?
 - a) Laxmi Lakra
 - b) Ramabai
 - c) Rashundari Devi
 - d) Rokeya Sakhawat Hossein
- vii. Which one activity was not associated with the Samoan children in the 1920s?



- a) fishing
- b) planting coconut trees
- c) playing cricket
- d) fishing

viii. Rokeya Sakhawat Hossain started a school for

- a) boys
- b) adults
- c) girls
- d) both a) and b)

Q2. Answer in one or two words

- a) Name the main mineral constituent of the continental mass.

- b) Name any two exogenic forces. _____
- c) Name the largest delta of the World. _____
- d) Name one permanent wind. _____
- e) Name one local wind. _____
- f) Name the instrument which is used to measure the rainfall.

- g) Who wrote the book "Amar Jiban"? _____
- h) What is the full form of MLA? _____

Q3. Answer the following questions

- a) What is the difference between the weather and the climate?



b) What is ecological balance? What will happen if this balance gets disturbed?

c) Explain the work of a river with a diagram.



d) How was the girls' school in Madhya Pradesh in the 1960s designed differently from the boys' school?

e) Why does our society devalue the work women do inside the home?

f) Why are the wages of domestic workers usually low?



English

Eng. Textbook:-

1.Revise ch-1 to 5 .

Eng. Gr.

1.Revise ch-1 to 4.

2.Write 15 pages English writing.

3.Revise the given verbs and their forms.

V1	V2	V3	V1	V2	V3
be	was, were	been	keep	kept	kept
beat	beat	beaten	know	knew	known
become	became	become	lay	laid	laid
begin	began	begun	lead	led	led
come	came	come	leave	left	left
cost	cost	cost	lend	lent	lent
cut	cut	cut	lie	lay	lain
dig	dug	dug	lose	lost	lost
do	did	done	make	made	made
draw	drew	drawn	ride	rode	ridden
drive	drove	driven	ring	rang	rung
drink	drank	drunk	rise	rose	risen
eat	ate	eaten	run	ran	run
fall	fell	fallen	say	said	said
feel	felt	felt	see	saw	seen
fight	fought	fought	sell	sold	sold
find	found	found	sink	sank	sunk
fly	flew	flown	sit	sat	sat
forget	forgot	forgotten	sleep	slept	slept
forgive	forgave	forgiven	speak	spoke	spoken
freeze	froze	frozen	spend	spent	spent
give	gave	given	stand	stood	stood
go	went	gone	swim	swam	swum
grow	grew	grown	take	took	taken
hang	hung	hung	teach	taught	taught
have	had	had	tear	tore	torn
hear	heard	heard	tell	told	told



NOUNS Gender

Write the feminine gender of the following nouns.

Masculine	Feminine
boar	
lion	
peacock	
tiger	
bridegroom	
grandfather	
heir	
prince	
bull	
hunter	
uncle	
hero	
emperor	

Write the masculine gender of the noun in brackets.

1. The _____ was sold to a wealthy man. (mare)
2. The _____ is usually bigger than the duck. (duck)
3. The letter began, "Dear _____," (Madam)
4. A _____ lives in a monastery. (nun)
5. A _____ was employed at a popular hotel. (waitress)
6. My _____ lives in Tobago. (niece)
7. A _____ will be sold to the butcher on Thursday. (ewe)
8. The _____ re-married two weeks after his wife's death. (widow)
9. The _____ was thought to be chosen by God. (queen)
10. The _____ will soon be married. (spinster)
11. My favourite _____ is Denzel Washington. (actress)
12. Our _____ greeted us warmly. (hostess)
13. The _____ evicted the tenants. (landlady)
14. The _____ cast a spell and turned the _____ into a frog. (witch, princess)



H. Write the type of pronoun used in each sentence

1. It is a dull day today.
2. Who got the prize?
3. This is my treehouse.
4. Which is best?
5. For whom is this box?
6. This is a new computer.
7. Raj has never met them.
8. They are not my friends.
9. What is that in your hair?

I. Write the type of pronoun used in each sentence.

1. Who will come to my party?
2. Neither of them won the game.
3. Somebody stole my storybook.
4. Each painting is a masterpiece.
5. I have a box of chocolates for them.
6. Have you got a bike?
7. The boy who helped me has a scar.
8. That is the bed which has a broken leg.
9. You should write slowly and neatly.



HINDI

हिन्दी- पाठ 1 से पाठ-4 के शब्दार्थ, अभ्यास कार्य, प्रश्न/उत्तर याद करो।

पाठ-5 पढ़ो, शब्दार्थ कॉपी में लिखो और अभ्यास कार्य पुस्तक में करो।

हिंदी व्याकरण-पाठ-1 से पाठ-4 का अभ्यास कार्य और प्रश्न/उत्तर याद करो।

बाल महाभारत कथा- पाठ -10 से पाठ -13 तक पढ़ो तथा प्रत्येक पाठ से 10-10 अति लघु प्रश्न/उत्तर खोज कर लिखो।

चार्ट- संज्ञा (रोल नं.1 -5)
सर्वनाम (6-10)
विशेषण (11-15)



संधि विच्छेद

निम्नलिखित शब्दों की सही जोड़ी मिलाइये ।

- | | |
|----------------|------------|
| रमा + ईश • | • निष्फल |
| देव + ईश • | • निष्ठुर |
| देव + इंद्र • | • अधोगति |
| महा + इंद्र • | • महेंद्र |
| तपः + बल • | • रमेश |
| पयः + धन • | • देवेंद्र |
| अधः+गति • | • मुनीश्वर |
| तपः +भूमि • | • पयोधन |
| निः + तुर • | • हरीश |
| निः + फल • | • महर्षि |
| निः + धारण • | • तपोबल |
| मुनि + ईश्वर • | • देवेश |
| हरि + ईश • | • परोपकार |
| महा + ऋषि • | • निर्धारण |
| पर + उपकार • | • तपोभूमि |



स्वर संधि

निम्नलिखित शब्दों की संधि कीजिये।

धर्म + अर्थी = धर्मार्थी

वार्ता + आलाप = _____

स्व + अर्थी = _____

महा + आनंद = _____

देव + अर्चन = _____

अति + इव = _____

वीर + अंगना = _____

कवि + इंद्र = _____

मत + अनुसार = _____

मुनि + इंद्र = _____

कथ + अनुसार = _____

कपि + इंद्र = _____

देव + आलय = _____

रवि + इंद्र = _____

विद्या + आलय = _____

गिरि + ईश = _____

नव + आगत = _____

परि + ईक्षा = _____

सत्य + आग्रह = _____

मुनि + ईश्वर = _____

देव + आगमन = _____

हरि + ईश = _____

परीक्षा + अर्थी = _____

रजनी + ईश = _____

सीमा + अंत = _____

योगी + ईश्वर = _____

दिशा + अंतर = _____

जानकी + ईश = _____

रेखा + अंश = _____

नारी + ईश्वर = _____

महा + आत्मा = _____

भानु + उदय = _____

