



# RAMANUJAN GLOBAL SCHOOL, MANESAR

(SUMMER HOLIDAY HOMEWORK)

**GRADE-IX**

## Scrap book fun

- Let's make a scrapbook
- Collect photograph of your summer vacation trip.
- Cut and paste photographs of your family members, (father, mother, siblings, grandparents) and the places you visited your scrapbook.
- 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 5<sup>th</sup> 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 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 using colours.

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

**Learning yoga asana (Minimum 5)**

**Its name and its 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. Hindi

3. Social Studies

4. English

5. Science

6. Computer



## MATHS

- I. Learn tables 2 to 25.
- II. Do practice of unit 1 to 4 with examples.
- III. Learn and Write all algebraic Identities, Laws of exponents

- 
1. The value of  $32^{2/5}$  is :  
(a) 2      (b) 4      (c) 16      (d) 14
  2. The value of  $16^{3/4}$  is :  
(a) 4      (b) 12      (c) 8      (d) 48
  3. The value of  $125^{-1/3}$  is :  
(a)  $\frac{1}{5}$       (b)  $\frac{1}{25}$       (c)  $\frac{1}{15}$       (d)  $\frac{1}{125}$
  4. The value of  $11^{1/2} \div 11^{1/4}$  is :  
(a)  $11^{1/4}$       (b)  $11^{3/4}$       (c)  $11^{1/8}$       (d)  $11^{1/2}$
  5. The value of  $64^{-3/2}$  is :  
(a)  $\frac{1}{96}$       (b)  $\frac{1}{64}$       (c) 512      (d)  $\frac{1}{512}$
  6. The value of  $(125)^{2/3}$  is :  
(a) 5      (b) 25      (c) 45      (d) 35
  7. The value of  $25^{3/2}$  is :  
(a) 5      (b) 25      (c) 125      (d) 625
  8. The value of  $\frac{1}{11}$  in decimal form is:  
(a)  $0.\overline{099}$       (b)  $0.\overline{909}$       (c)  $0.\overline{09}$       (d)  $0.00\overline{9}$
  9. Decimal expansion of a rational number is terminating if in its denominator there is:  
(a) 2 or 5      (b) 3 or 5      (c) 9 or 11      (d) 3 or 7
  10. The exponent form of  $\sqrt[3]{7}$  is:  
(a)  $7^3$       (b)  $3^7$       (c)  $7^{1/3}$       (d)  $3^{1/7}$



Answer *true* or *false*: for the given value of each variable.

1.  $y + 5 = 17$ ,  $y = 22$

\_\_\_\_\_

2.  $4x = 24$ ,  $x = 6$

\_\_\_\_\_

3.  $n \div 7 = 3$ ,  $n = 21$

\_\_\_\_\_

4.  $s - 13 = 21$ ,  $s = 34$

\_\_\_\_\_

5.  $20 \times y = 300$ ,  $y = 160$

\_\_\_\_\_

6.  $n + 40 = 92$ ,  $n = 50$

\_\_\_\_\_

7.  $27 = 3m$ ,  $m = 9$

\_\_\_\_\_

8.  $7 + t = 21$ ,  $t = 11$

\_\_\_\_\_

9.  $x - 8 = 24$ ,  $x = 32$

\_\_\_\_\_

10.  $n + 24 = 61$ ,  $m = 45$

\_\_\_\_\_



## हिंदी

1. क्षितिज- पाठ-1 (सूरदास) और पाठ-2 (तुलसीदास) के प्रश्न उत्तर याद करो और दस-दस अतिलघुत्तरीय प्रश्न खोज कर के कॉपी में लिखो।
2. कृतिका- माता का आँचल, साना साना हाथ जोड़ी, पाठ के प्रश्न उत्तर याद करो और अतिलघुत्तरीय प्रश्न खोज कर के कॉपी में करो।
3. हिंदी व्याकरण-उपसर्ग,प्रत्यय, तथा समास पाठ का दोहराव करो।
4. दस पेज सुलेख लिखें।

### प्रत्यय परीक्षा

1. 'इक' प्रत्यय किस शब्द के साथ जुड़ा है?

सीक                      दैनिक                      नायक                      प्रत्येक

2. निम्नलिखित में से किस शब्द में 'अक' प्रत्यय नहीं है?

रक्षक                      याचक                      नर्तक                      सड़क

3. कौन-सा शब्द प्रत्यय युक्त है?

कुरूप                      सजीव                      पराजय                      कुलीन

4. शरीर + इक से बना शब्द है-

शारीरीक                      शरीरक                      शारीरिक                      शरीरक

5. आध्यात्मिक का मूल शब्द कौन-सा है?

आध्य                      अध्यात्म                      अधया                      अध्यात्म

6. कौन-सा पद 'इक' प्रत्यय से नहीं बना है?

पक्षिक                      सामाजिक                      भौमिक                      दैविक

7. 'इय' प्रत्यय से बना उपयुक्त शब्द है-

गांगेय                      वासुदेव                      देवत्व                      बचपन

8. 'ममत्व' में कौन-सा प्रत्यय है?

त्व                      तत्                      ता                      तव

9. किस पद में 'ई' प्रत्यय नहीं है?



## उपसर्ग प्रत्यय

1. अति+ आवश्यक का योग होगा.....

अत्यावश्यक

अत्येवश्यक

अतिवाश्यक

2. साभार शब्द से उपसर्ग और प्रत्यय अलग करो।

सा+भार

स+ आभार

साभ+आर

3. दुकानदार शब्द में .....प्रत्यय है।

आर

दार

दूकान

4. अनपढ़ शब्द में..... उपसर्ग है।

अन

अ

कोई नहीं

5. निम्नलिखित शब्दों में उपसर्ग शब्द हैं.....

गैर

आ

सभी

6. शब्द के अंत में लगकर अर्थ बदलने वाले शब्दांश को .....कहते हैं-

प्रत्यय

उपसर्ग

समानार्थी

7. शब्दों के आरंभ में जुड़कर नए शब्दों का निर्माण करने वाले शब्दांश .....कहलाते हैं-



## अभ्यास-प्रश्न

1. नीचे कुछ सामासिक शब्द दिए गए हैं। इनका विग्रह करके समास का नाम लिखिए—

मुरलीधर	मुरली को धारण करता है जो अर्थात् श्रीकृष्ण	बहुब्रीहि समास
पीताम्बर	.....	.....
वनवास	.....	.....
हस्तलिखित	.....	.....
राजा-रंक	.....	.....
बाकायदा	.....	.....
शरणागत	.....	.....
अकालपीड़ित	.....	.....
पाठशाला	.....	.....
पर्वतारोही	.....	.....
गंगातट	.....	.....
मोहमाया	.....	.....
चक्रपाणि	.....	.....
अष्टाध्यायी	.....	.....

## Social Studies

- I. Learn chapter 1(History and Economics ) and Chapter -1 & 2 (Civics and Geography)
- II. Make a chart on Indian Political Map.
- III. Make a poster on Preamble of Indian Constitution (A3 Sheet)
- IV. Make a Model on UNITY IN DIVERSITY.
- V. Project work- Analyses the Election of 2024.



Worksheet Name: 1: What Is Democracy? 1 Why Democracy?

Standard: 9th

Subject: Social Studies

Student Name: \_\_\_\_\_

Q1. A vital responsibility for any democratic government is \_\_\_\_\_.

1. The development of mechanism for accountability.
2. Public welfare.
3. Political development.
4. Encourage discrimination.

Q2. In which country is Institutional Revolutionary Party (PRI) active?

1. Mexico
2. Zimbabwe
3. Pakistan
4. China

Q3. Identify the incorrect statement related to the elections in a democracy \_\_\_\_\_?

1. Elections are important in all representative democracies.
2. People choose their representatives at regular intervals.
3. People can also remove them if they are unhappy with their rule.
4. Only few representatives are elected by the people.

Q4. Democracy is better than other forms of government because.

1. It allows change.
2. Allows voting.
3. Allows right to opinion.
4. It allows us to correct its own mistakes.

Q5. The state that has decided to enact an anti-conversion law in 2005 is \_\_\_\_\_?

1. Tamil Nadu.
2. Ahemdabad.
3. Rajasthan.







## The French Revolution

DHA 01

- The Third Estate comprised
  - Poor servants and small peasants, landless labourers
  - Peasants and artisan
  - Big businessmen, merchants, lawyers etc
  - All the above
- How does a 'Subsistence Crisis' happen?
  - Bad harvest leads to scarcity of grains
  - Food prices rise and the poorest cannot buy bread
  - Leads to weaker bodies, diseases, deaths and even food riots
  - All the above
- People of the 1st Estate were also known as?
  - Nobility
  - Common Man
  - Clergy
  - Kings and Ministers
- Who has the power to call the Estate General Meeting?
  - Monarch
  - Constitution
  - Ministers
  - Common People
- Which among the following taxes were introduced by the Common People on Church?
  - Taille
  - Taithe
  - Both A and B
  - Neither A nor B
- Arrange the following events in order in which they occurred?
  - Tennis Court Oath
  - Storming of the Bastille Jail
  - Boycott of the Estate General Meeting
  - France getting bankruptSelect the correct answer from the given options:
  - A - C - D - B
  - D - C - A - B
  - D - B - A - C
  - B - C - A - B
- Louis XVI belonged to which family?
  - Papels
  - Bourbon
  - Austrian-Hungry
  - Gabon

## ENGLISH

- First Flight –Learn Q/A Chapter -1 (Letter to God), Poem –'Dust of snow' and 'Fire and Ice' and also write chapter's Summary in fair Notebook (150 words)
- Foot Print without Feet-Learn Q/A of Chapter-1 and also write its summary in fair notebook (150 words)
- ENGLISH Grammer- Revise Tenses, Modal verbs and Factual passage given in book.
- Write 15 pages English writing in Notebook.



## Tenses Worksheet for Class 9

Fill in the blanks with an appropriate tense form.

- 1. This time last year, I ..... in Mumbai. (work)
- 2. What ..... you ..... at 8 o'clock last night? (do)
- 3. I ..... (walk) home when I ..... (meet) with an accident.
- 4. The children ..... (play) in the park when it ..... (start) raining.
- 5. I ..... TV (watch) when Rahul ..... (arrive)
- 6. Someone ..... (knock) at the door when we ..... dinner. (have)
- 7. When I ..... (see) him, he ..... (sit) on a bench and ..... (read) a book.
- 8. I ..... (hurt) my back while I ..... the roof. (repair)
- 9. I ..... (fall) asleep while I ..... (watch) TV.
- 10. I ..... (walk) down the street when I ..... (see) Manu.

<https://ncertguides.com>



## MODAL VERBS

Listen and complete the statements with the correct modal verb.

1. You \_\_\_\_\_ pay your taxes. 
2. She \_\_\_\_\_ speak French. 
3. I \_\_\_\_\_ be with you by Christmas. 
4. \_\_\_\_\_ you like a cup of coffee? 
5. My sister \_\_\_\_\_ be in danger. 
6. I \_\_\_\_\_ finish this Spanish project by Friday. 
7. \_\_\_\_\_ I go to the restroom? 
8. \_\_\_\_\_ you open the window, please? 
9. People \_\_\_\_\_ take care of the planet. 

- MAY
- MIGHT
- COULD
- CAN
- SHOULD
- WILL
- WOULD
- HAVE TO
- MUST



V1	V2	V3
be	was, were	been
beat	beat	beaten
become	became	become
begin	began	begun
come	came	come
cost	cost	cost
cut	cut	cut
dig	dug	dug
do	did	done
draw	drew	drawn
drive	drove	driven
drink	drank	drunk
eat	ate	eaten
fall	fell	fallen
feel	felt	felt
fight	fought	fought
find	found	found
fly	flew	flown
forget	forgot	forgotten
forgive	forgave	forgiven
freeze	froze	frozen
give	gave	given
go	went	gone
grow	grew	grown
hang	hung	hung
have	had	had
hear	heard	heard

V1	V2	V3
keep	kept	kept
know	knew	known
lay	laid	laid
lead	led	led
leave	left	left
lend	lent	lent
lie	lay	lain
lose	lost	lost
make	made	made
ride	rode	ridden
ring	rang	rung
rise	rose	risen
run	ran	run
say	said	said
see	saw	seen
sell	sold	sold
sink	sank	sunk
sit	sat	sat
sleep	slept	slept
speak	spoke	spoken
spend	spent	spent
stand	stood	stood
swim	swam	swum
take	took	taken
teach	taught	taught
tear	tore	torn
tell	told	told



## SCIENCE

- I. Learn chapter -1 to 4.
- II. Make a chart of periodic table( Roll no 1,2)
- III. Make a chart of state of matters (Roll no 3,4)

# 9 MATTER AROUND US

### CHOOSE THE BEST ANSWER

1. The metal which is in liquid state is \_\_\_\_\_  
(a) Carbon            (b) Mercury            (c) Copper
2. Ozone (O<sub>3</sub>) contains \_\_\_\_\_ number of oxygen atoms  
(a) 1                    (b) 3                    (c) 2
3. The property which allows metals to be hammered into thin sheets is \_\_\_\_\_  
(a) Ductility            (b) Malleability            (c) Lustrous
4. The symbol of carbon is \_\_\_\_\_  
(a) N                    (b) Ca                    (c) C
5. \_\_\_\_\_ is a liquid metal which is used in thermometers.  
(a) Aluminium            (b) Mercury            (c) Phosphorus
6. Water contains \_\_\_\_\_ and \_\_\_\_\_ element.  
(a) H and O            (b) Na and Cl            (c) C and O
7. \_\_\_\_\_ have high melting point  
(a) Metalloid            (b) Non-metal            (c) Metal
8. Every matter exists in \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ state.  
(a) Solid,Liquid,Gas            (b) Solution,Colloid,Suspension
9. The symbol of aluminium is \_\_\_\_\_  
(a) A                    (b) Al                    (c) Au
10. \_\_\_\_\_ is the chemical name of common salt  
(a) Sodium Carbonate            (b) Sodium Chloride            (c) Sodium Sulphate



**Topic : Properties of the three states of matter**

Name \_\_\_\_\_ Surname \_\_\_\_\_ No. \_\_\_\_\_

**Fill in the blanks.**

shape	resists	solid	liquid
molecules	gases	matter	states of matter

1. \_\_\_\_\_ is anything that takes up space.
2. Scientists call solids, liquids, and gases the ordinary \_\_\_\_\_
3. A solid \_\_\_\_\_ any change in its shape.
4. A liquid has no \_\_\_\_\_ of its own.
5. \_\_\_\_\_ are harder to understand because we usually can't see them.
6. Matter is made of tiny bits called \_\_\_\_\_
7. Molecules in \_\_\_\_\_ don't move around much because they are packed tightly together.
8. Molecules in \_\_\_\_\_ are less tightly packed than in a solid.

**COMPUTER**

- I. Learn unit 1 to 6 complete
- II. Do practical exercise of chapter-13 and mail merge. send on [supriya24122017@gmail.com](mailto:supriya24122017@gmail.com)
- III. Create your Email I'd with strong password
- IV. Make a chart on one topic given below-Element of Communication, Communication Barrier's, Parts of Speech.



Computer vocabulary  
Worksheet-1

Your Name.....

Date .....

Words	Describe in a few words
Network	
Hub	
Switch	
Router	
Packets	
Topology	
Protocol	
Http	
TCP/IP	
NIC	



Computer vocabulary

Worksheet-2

Words	Describe in a few words
PAN	
LAN	
MAN	
WAN	
Internet	
Wi-Fi	
Bluetooth	
Browser	
Bandwidth	
firewall	





Computer vocabulary

Worksheet-3

Words	Describe in a few words
Communication	
Barriers	
Database	
Consistency	
Table	
Record	
Fields	
Template	
Queries	
Merge	



Computer vocabulary

Worksheet-4

Words	Describe in a few words
Sender	
Receiver	
Channel	
Feedback	
Message	
Encoding	
Decoding	
Noise	
Concise	
Haptics	



Computer vocabulary

Worksheet-5

Words	Describe in a few words
Tabs	
Ribbon	
Ruler	
Styles	
Scanner	
Clipart	
Crop	
Resize	
Flip	
Wrap	