



# **ST.MARY'S PUBLIC SCHOOL**

## **HOLIDAY HOME WORK 2020-2021**

### **CLASS- VIII ENGLISH**

**Note:- Do all these in your Holiday Home Work Note Book:-**

\* **Paragraph writing** [pg. no .100- 105 ]

\* **Informal Letter** [pg. no.85 -90]

(DO THE ABOVE IN THE BOOK ITSELF AND USE PENCIL ALONE)

\* Read the **Novel book**. [The Adventure of Sherlock Holmes- chapters. 1- 5] and prepare short summary of any one chapter..

\* Write 10 New words and their meanings per day date wise in your Holiday Home Work Note –Book.

\* Write 5 News per day from the news papers or the news channels, it should be related to education and Science.

\*Read the following books:

➤ <https://www.planetebook.com/free-ebooks/the-time-machine.pdf>

➤ <https://www.planetebook.com/free-ebooks/utopia.pdf>

---

HAPPY HOLIDAYS

---



## ST. MARY'S PUBLIC SCHOOL

### MATHS HOLIDAY HOMEWORK(2020-2021) CLASS –VIII

#### I. Learn the following:

- \* Learn multiplication table up to 25.
- \* Learn squares of numbers 1 to 30
- \* Learn cubes of numbers 1 to 20
- \* Practice chapter 1, 2 and 3

#### II. Lab Activity :- [ Do in Laboratory Manual ]

Activity – 4 (page no. 5)

Activity – 5 (page no.6)

Activity – 21 (page no. 27) [refer the link to get idea <https://youtu.be/9u5hmfRTq1k> ]

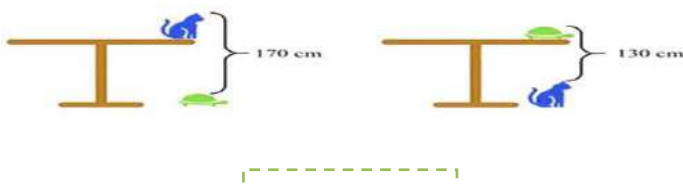
#### III. Critical and Creative thinking questions

1. The product of two 2 digit numbers is 1450. If the product of the ten's place digits in these numbers is 10 and the product of one's place digits in these numbers is 40. Find the numbers.
2. Let E=3, B=7, and A=4. Find the other digits in the sum.

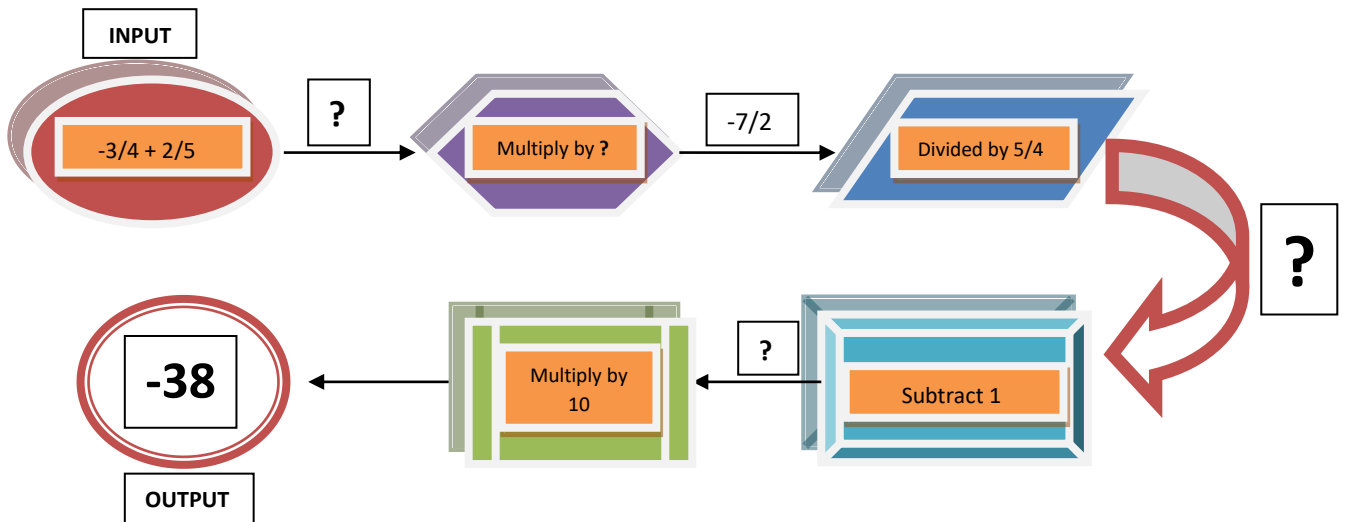
$$\begin{array}{r} \text{B A S E} \\ + \text{B A L L} \\ \hline \text{G A M E S} \end{array}$$

3. Collect the ages of minimum 5 members of your family including you. Frame different linear equation questions by comparing these ages. [For eg: if your age = 12years, father's age = 45years, then one question can be "My father is 15 years less than 5 times my age. If I am 12 years, find my mother's age. " ]
4. Collect the number of new Corona cases and no. of deaths in Delhi of any 10 consecutive days. Draw a double bar graph with this data choosing an appropriate scale.
5. What is the height of the table in cm?

From the below figure, how tall is the table ?



6. Complete this rational circuit diagram



IV. FUN TIME!!! Learn the following mathematical tricks and surprise your family and friends.

- a) [https://youtu.be/TKSpLH9CK\\_c](https://youtu.be/TKSpLH9CK_c)
- b) <https://youtu.be/OiWSrtEF5LE>

V. Now it is movie time!!!....

The following link will lead you to a movie about one of the most famous Indian mathematician **Srinivasan Ramanujan**. The name of the movie being, “**The Man who knew infinity**”. A man with determination who struggled and achieved a lot. Contributed immensely towards the world of MATHEMATICS but unfortunately died at a very young age.

Further watch the movie to know more about his various contribution towards mathematics. **Write a summary of Ramanujan’s life.**

**“THE MAN WHO KNEW INFINITY” :**

<https://youtu.be/hlXHwMgS06c>

**NOTE: All written work should be done in A4 size sheet and make a file and the following worksheet to be done in practice copy.**

**ST.MARY'S PUBLIC SCHOOL**  
**WORKSHEET**  
**MATHEMATICS**  
**CLASS VIII**

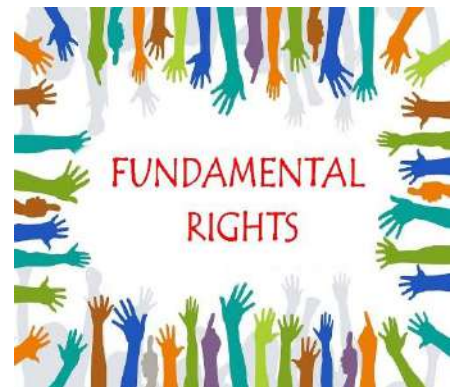
1. Write the additive inverse of  $-\frac{3}{4}$
2. Solve:  $7x - 9 = 16$ .
3. Find two rational numbers between  $-\frac{3}{2}$  and  $\frac{5}{3}$
4. Represent these numbers on the number line : a)  $-\frac{7}{2}$  b)  $\frac{5}{8}$
5. One of the two digits of a two digit number is three times the other digit. If you interchange the digits of this two-digit number and add the resulting number to the original number, you get 88. What is the original number?
6.  $\frac{x}{2} - 2 = 4 + \frac{1}{4}$
7.  $3x + 2(x+2) = 10 - (2x - 5)$
8.  $0.18(5x - 4) = 0.5x + 0.6$
9. Ten added to thrice a whole number gives 40. Find the number.
10. Four-fifth of a number is greater than three-fourth of a number by 8. Find the number.
11. The sum of two consecutive multiples of 4 is 60. Find the number.
12. The denominator of a fraction is greater than the numerator by 8. If the numerator is increased by 17 and denominator is decreased by 1, the number obtained is  $\frac{3}{2}$ . Find the fraction.
13. Jane is 6 years older than her younger sister. After 10 years, the sum of their ages will be 50 years. Find their present ages.

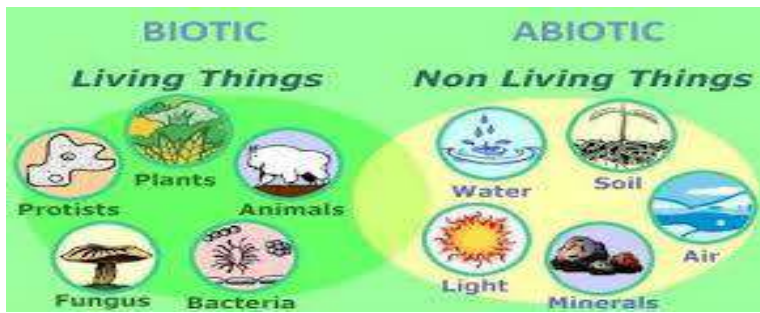


**ST MARY'S PUBLIC SCHOOL**  
**CLASS – VIII**  
**HOLIDAY HOMEWORK 2020-2021**



- Read the chapters thoroughly and learn Questions and Answers along with the exercises of the chapters.
  1. History: L-1 When, Where and How
  2. Civics: L-1 Our Constitution
  3. Geography: L-1 Resources  
L-2 Abiotic Resources: Land, Soil and Water
- Write and explain about all our Fundamental Rights as guaranteed in the Indian Constitution (refer page no. 186 and 187 from the book). Also use pictorial representation for clear understanding.





- Being an observant student, write about any six resources (Abiotic and Biotic) that you find in your surroundings. Explain about them and paste their pictures. Also mention the uses of those resources.

Ex: land, water, soil, plants, animals, buildings.

**NOTE: Do the above mentioned work in a Scrap Book.**



## ACTIVITY

Make a model of layers of soil (Soil Profile) in a transparent bottle or container. You can collect materials from your surrounding and place them carefully layer wise. Also mention the names of each layers.



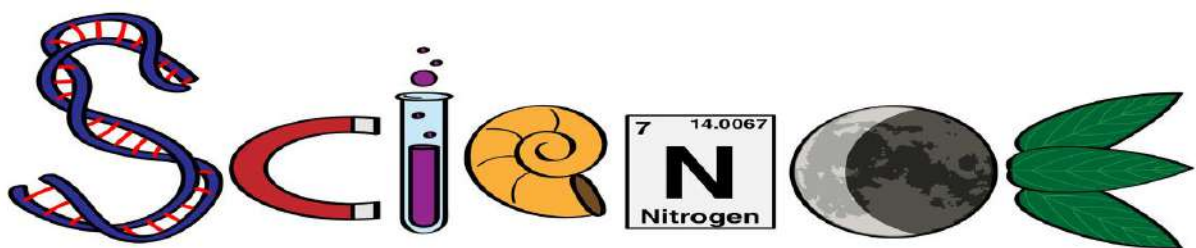




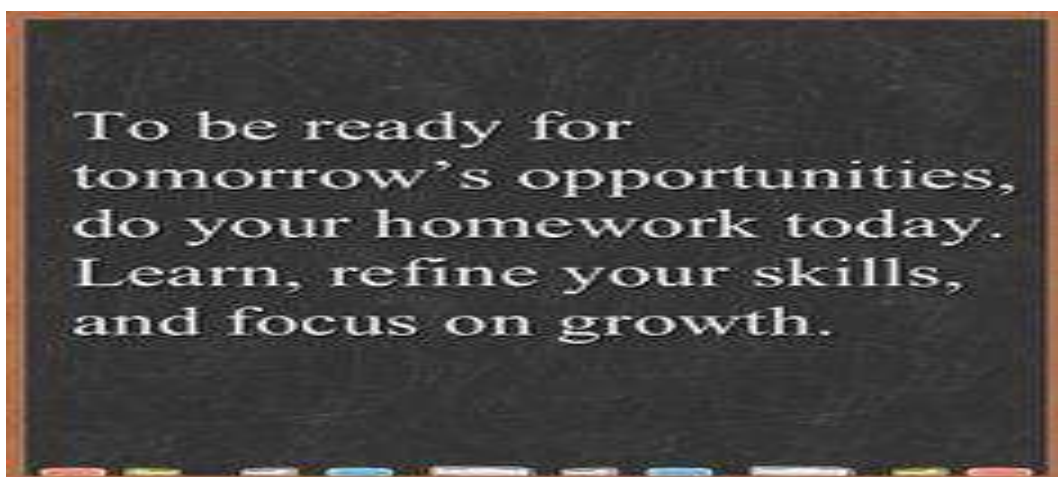
St. Mary's Public School



**(2020-21)**  
**CLASS – VIII**







**I. Learn the chapters for I<sup>st</sup> Periodic Test**

1. Microorganism
2. Conservation of Plants and Animals
3. Force and Pressure

**II. Learn symbols, atomic numbers of the elements till 30.**

**III. Prepare a report /project on virology (study of viruses)**

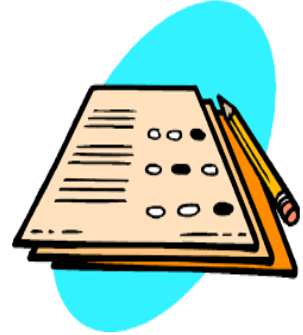
**OR**

**Virus vs. Vaccines** prepare a detailed report , it should cover the following points: (a) What are virus, (b) How virus spread, (c) What are vaccines, (d) How vaccines are prepared and made available for human use, (e) Benefits of vaccines.

**IV. Do the worksheets of Chapter – 2 “Microorganism”, Chapter – 7 “Conservation of Plants and Animals” and Chapter – 11 “Force and Pressure” in your science class work copy.**

**NOTE: ALL THE REPORT/PROJECT WORK SHOULD BE DONE IN A4 SHEETS. MAKE A FILE AND SUBMIT YOUR REPORT/PROJECT.**

**ST. MARY'S PUBLIC SCHOOL**  
**CLASS - VIII**  
**SUBJECT - SCIENCE HOILDAY HOMEWORK (WORKSHEET)**



---

**CHAPTER - 2 “MICROORGANISM – FRIEND AND FOE “**

**\_Q.1 Pick the microorganisms from the microbe cloud and place them into the right category:**

Influenza virus, Penicillium, Yeast, Volvox, HIV, Mould, Chlamydomonas, Vibrio cholerae, Streptococcus, Polio virus, Euglena, Amoeba, Lactobacillus, Mushroom, Spirogyra, Escherichia coli.

<u>Bacteria</u>	<u>Viruses</u>	<u>Algae</u>	<u>Fungi</u>	<u>Protozoa</u>

**Q.2 Think and answer:**

- a. Why are viruses considered as a connecting link between living and non-living things?
- b. Why is yeast added to the mixture made for making cake?

**Q.3 What are the various ways in which communicable diseases can occur and spread?**

**CHAPTER - 7 “CONSERVATION OF PLANTS AND ANIMALS”**

**Q.1 Write answer in one word:**

- a. Which gas in the atmosphere traps the heat rays reflected by the earth?
- b. What name is given to that part of the earth in which living organisms exist?
- c. Name the publication which contains record of all the endangered species.

**Q.2 Fill in the blanks:**

- a. Paper is mainly made of \_\_\_\_\_.
- b. Species of plants and animals which have been lost forever are known as \_\_\_\_\_.

**Q.3 State whether the statements are true or false and if the statements are false give reason.**

- a. Migration is a joy trip by humans only.
- b. Careful use of natural resource is called conservation.

**Q.4 How are the wild animals affecting by cutting of forests?**

**Q.5 What are the objectives of “Project Tiger”?**

**Q.6 How do natural disasters cause loss of biodiversity?**

**CHAPTER -11 “FORCE AND PRESSURE”**

**Q.1 Write answer in one word:**

- a. What is the unit of force?
- b. Name the force which always opposes motion.
- c. Name the quantity whose one of the unit is Pascal (Pa).

**Q.2 Think and answer:**

- a. Explain why, the walls of a dam are thicker near the bottom than at the top.
- b. Why are our bodies not crushed by the large pressure exerted by the atmosphere?
- c. What is the relation between pressure, force and area?

**Q.3 A force of 2 N is applied over an area of 2 cm<sup>2</sup>. Calculate the pressure.**

**Q.4 When a force of 5 N acts on a surface, it produces a pressure of 500 Pa. Calculate the area of a surface.**



# ST. MARY'S PUBLIC SCHOOL

## HOLIDAY HOMEWORK

### Class- VIII

### COMPUTER



#### 1. Create Video Presentation

(Topic - Computer Networking and Operating System)

- Use Normal phone to record video
- Time limit (Minimum 2 to 4 minutes )
- Give your introduction first (your name , class, section)
- You can use charts or drawing to present topic.
- Save it in your Pen drive and send it to given below email ids according to your branch.

2. Do Chapter 1 and 2- question-answers in computer notebook.

3. Revise **Periodic Test – I** syllabus

4. **Practice at your home MS Access** - Create a table in MS Access

(Example given below )

- Save your file with your name and send it to given below email ids as per branch.

#### Family Details

Name	Relation with you	Age	Gender
Rajat Sharma	Grand father	60	Male

Write the steps in notebook.

#### Sainik Farm Students

(VIII A,B,C)

Mrs. Shiny Abraham

(shiny49abraham@gmail.com)

#### Neb Sarai Students

8A – [seemaranateacher@gmail.com](mailto:seemaranateacher@gmail.com)

8B- [mailmeaarti4@gmail.com](mailto:mailmeaarti4@gmail.com)

8C,D - [nancysanthosh36@gmail.com](mailto:nancysanthosh36@gmail.com)



# ST. MARY'S PUBLIC SCHOOL, NEW DELHI

---

## HOLIDAY HOMEWORK SUBJECT: SPANISH

### CLASS VIII

2020-2021

**Q1. Write down your daily routine in Spanish in (80 – 100 words)?**

**Q2. What is the differentiation between regular and irregular verb. Give examples?**

**Q3. Translate the following sentences in Spanish?**

- (a) I study Spanish and English on weekends.
- (b) I like to play football every day.
- (c) I don't know anything of Russian language.
- (d) I go to school at 7:00 AM.
- (e) What you like to have in breakfast?

**Q4. Fill in the blanks.**

- (a) ¿..... qué te dedicas?
  - Soy estudiante.
- (b) ¿..... te llamas ?
  - Alberto.
- (c) ¿..... años tienes?
  - 25.
- (d) ¿..... dónde eres?
  - Soy Holandés.
- (e) ¿.....se escribe “banco”? ¿Con “b” o “v”?
  - Con “b”
- (f) ¿..... se dice “hello” en español?
  - Hola.
- (g) ¿.....Mexicano?
  - No, soy español.
- (h) ¿.....Significa “ Gracias”?
  - Thank You.



**Q5.Match the following.**

<b>Querer</b>	<b>el periodico</b>
<b>Leer</b>	<b>la televisión</b>
<b>Hacer</b>	<b>34 años</b>
<b>Ver</b>	<b>Francés bastante bien</b>
<b>Tener</b>	<b>cocinar</b>
<b>Saber</b>	<b>Aprender árabe</b>
<b>Hablar</b>	<b>deporte</b>

**Q6.Write down the sujetos for the following conjugated verb.**

- (a) Quieres: **tú**
- (b) Leéis: .....
- (c) Hace:.....
- (d) Ven:.....
- (e) Tengo:.....
- (f) Conozco:.....
- (g) Aprendemos:.....
- (h) Hablas:.....
- (i) Leen:.....
- (j) Escribís:.....
- (k) Tenéis:.....
- (l) Hago:.....
- (m) Ve:.....
- (n) Queremos:.....
- (o) Vives:.....

**Q7. Interesa or Interesan?**

- (a) A mí no me.....el fútbol.
- (b) A nosotros nos.....aprender español.
- (c) A Juan no le .....las matemáticas.
- (d) A mis compañeros no les ..... el flamenco.
- (e) ¿Te.....los toros?
- (f) ¿No os .....la gramática?
- (g) ¿A ti te.....la política?
- (h) A Alberto le.....los deportes.
- (i) A ellos les.....los idiomas.
- (j) ¿Os.....el jazz?



# सेंट मेरीज़ पब्लिक स्कूल

हिंदी ग्रीष्मावकाश कार्य

कक्षा-आठवीं

**प्रश्न-१** भारत में अनेक राज्य हैं और सभी के अपने अलग-अलग लोकगीत,

लोकनृत्य और बोली हैं। किन्हीं आठ राज्यों के नाम, बोली और लोकनृत्य

की सूची बनायें।

**प्रश्न-२** किसी एक फूल की पंखुडियों को सुखाकर कॉपी में चिपकाए और गुलाब

के पौधे की जानकारी तथा लाभ लिखिए।

**प्रश्न-३** प्रतिदिन हिंदी समाचार सुनिए और दस मुख्य समाचार अपनी कॉपी में

लिखिए।

**प्रश्न-४** अनौपचारिक पत्र-शहर में तालाबंदी के दौरान समय का सदुपयोग करने

की सलाह देते हुए मित्र को पत्र लिखिए।

**प्रश्न-५** किसी भी एक खाद्य पदार्थ का विज्ञापन तैयार कीजिए। विज्ञापन में खाद्य

पदार्थ के आवरण (wrapper) को चिपका कर आकर्षित बनाएं।



सेंट मेरिज़ पब्लिक स्कूल

# संस्कृत ग्रीष्मावकाश कार्य

## कक्षा - VIII

निर्देश - ग्रीष्मावकाश कार्य संस्कृत कॉपी में साफ तथा सुन्दर लेख में लिखें और प्रत्येक कार्य के लिए प्रत्येक अंक दिए जाएँगे ।

- पाठ 1, 2, और 3 के शब्दार्थ व समस्त अभ्यास कार्य याद करें ।

- 'किम्' शब्द रूप पुल्लिङ्ग, स्त्रीलिङ्ग और नपुंसकलिङ्ग में लिखें और

याद करें ।

- 'स्था', 'कृ', 'अस्', 'दृश्' धातुओं के धातुरूप पाँचों लकारों में लिखें और

याद करें ।



# ST. MARY'S PUBLIC SCHOOL



*Dear children*

*Its time to stand the books up*

*In rows upon the shelves,*

*and pack the charts and posters*

*in neat piles by themselves,*

*collect the pens and pencils*

*and put the ink away,*

*for school time is now over*

*and every day is for play*

*so to keep you happily occupied,*

*we have planned some fun filled and exciting activities for you*





# GENERAL KNOWLEDGE

## CLASS VIII



Q.1 Choose any two state of India and make collage to show different cultures :

Traditions, Religions, Festivals, Music, Dance, Clothing and Food

Q2 Brief impact on economies of various countries due to Covid -19

- a) India
- b) USA
- c) China
- d) Italy
- e) Britain

Q3. River Ganga, blue skies, clean air : How the coronavirus lockdown is rejuvenating our environment. Share your views at least in 10 lines.

Q4. Prepare a handbook of current affairs from January 2020 onwards.

Q5. Make a presentation on Incredible India for reference click on the given link but use only your ideas

<https://www.youtube.com/watch?v=SB0ApRHZ-UM>

Q6. Revise page no. 7 to 55 , 62 , and 93 of your text book and write answers in the book only.

**( NOTE: Do all questions from 1 to 5 in scrap book )**





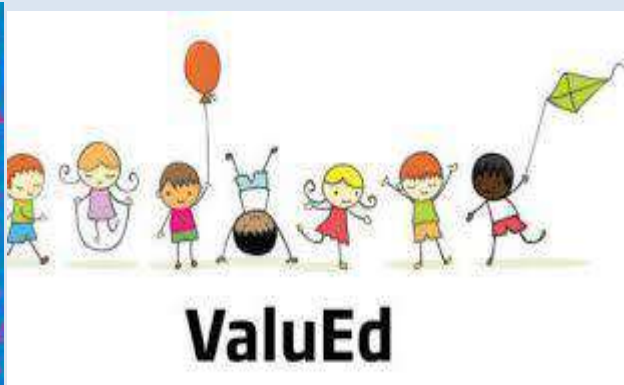
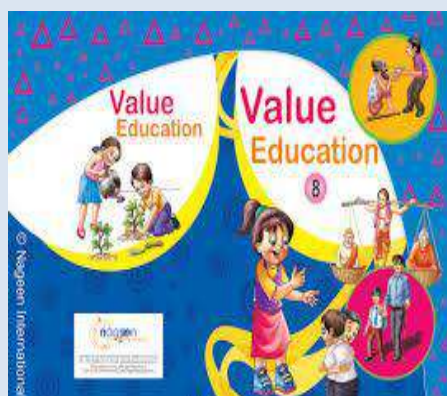


# ST. MARY'S PUBLIC SCHOOL

## HOLIDAY HOMEWORK

### CLASS – VIII

### SUBJECT – MORAL SCIENCE



**1. Identify the pictures and write their names:**



**2. Identify the following currency symbols and write their names.**



3. On your own think about how you can be dutiful at these places and write one example :

➤ Place of worship: \_\_\_\_\_

➤ School: \_\_\_\_\_

➤ Home: \_\_\_\_\_

4. Collect the names of any 3 famous personalities who have influenced your life. Make a short note on each of them.

**(Note: Do all the questions on an A4 size sheet)**