

HOLIDAY HOMEWORK 2017-18**Class: VII**

This year, your holiday homework is a fun mix of all the aspects of learning. It has been designed to ensure that you enjoy and learn at the same time. Special attention has been taken to ensure that you use your creativity, your innovative ideas and your imagination to shape your holiday homework into fantastic 'creations'. So enjoy your holidays spending quality times with your near and dear ones and devote sometimes to learn new things.

General Instructions:

- Holiday Homework of all subjects to be done in **separate Scrap Book/ Stick File** (only).
- The areas to be covered are suggested below. You can of course use your creativity and innovation for new ideas too!
- Credit will be awarded to original photographs/ drawings, illustrations and creative use of materials.
- **While interacting/interviewing people/neighbours/relatives for your Holiday Homework kindly remember the following points:**
 - Greet them.
 - Be polite.
 - Introduce yourself.
 - Show your school ID card.
 - Tell about your school.
 - Explain them about the Holiday Homework which has been assigned to you.
 - Get their phone number/ address/ Email ID.
 - You may click photos of your interactions.
- Holiday Homework needs to be submitted on 10th July 2017.
- Holiday Homework needs to be developed and presented in this order:
 - Cover page showing title, student information, school and academic year.
 - List of contents with page numbers.
 - Acknowledgements (acknowledging the institution, offices and libraries visited and persons who have helped).
 - The last page should have Bibliography/ Sources of information from where you have collected your information.

Subject: English

1. Read the book **MANSFIELD PARK** and do the following assignment:

Information about the author, your favourite character, your favourite incident or chapter from the book, your reason for liking the book.

2. Interview your 4 friends / cousins and ask them, what will be the features of their Dream Land/ Fantasy Land. You may include details such as:

- Name of the Dream Land/ Fantasy Land
- Where would they want it to be located?
- What are the facilities they would provide?
- What kind of infrastructure would they need for it?
- What would be the catchy tagline or caption for advertising their Dream Land/Fantasy Land?
- Brief description of the Dream Land/ Fantasy Land.
- Draw a map for it.

Make it interesting. Your interview must have a lot of details for the reader to understand the place better. Have fun!

Subject: Mathematics

1. You need to meet 15 people and collect the data about the month when they were born. The following data sheet can be used for it:

SL.NO	NAME OF THE PERSON	RELATION	BORN IN THE MONTH
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

Prepare tally marks table as follows:

Birthday in month of	Tally marks	Number of persons-frequency
JAN		
FEB		
MAR		
APRIL		
MAY		
JUNE		
JULY		
AUG		
SEP		
OCTO		
NOV		
DEC		
TOTAL		15

Represent the above data by using bar graph.

2. **Integers:**

i. Solve the following by using number line:

- (a) $(-8)-5$ (b) $-11+6$ (c) $9+4$ (d) $11-(-3)$ (e) $(-9)+(-2)$

ii. Rita goes 20 km towards east from a point A to the point B. From B, she moves 30 km towards west along the same road. If the distance towards east is represented by a positive integer then, how will you represent the distance travelled towards west? By which integer will you represent her final position from A?



iii. Verify the following rule for the given integers: $a \times (b + c) = a \times b + a \times c$

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

- b. $a = 5, b = -2, c = 6$
 c. $a = -5, b = 3, c = -1$
 d. $a = -4, b = -2, c = 1$
 e. $a = -1, b = -2, c = 2$

iv. A cement company earns a profit of ₹8 per bag of white cement sold and a loss of ₹5 per bag of grey cement sold.

- (a) The company sells 3000 bags of white cement and 5000 bags of grey cement in a month. What is its profit or loss?
 (b) What is the number of white cement bags it must sell to have neither profit nor loss, if the number of grey bags sold is 6400 bags.

v. Find each of the following products:

- (a) $-5 \times (-11) \times 13 \times (-2)$
 (b) $12 \times (-16) \times (-3) \times 2$
 (c) $-7 \times (41) \times (-5) \times 21$
 (d) $10 \times (-11) \times (-3) \times (-1)$
 (e) $(-7) \times (8) \times (-9) \times (10)$

vi. Evaluate each of the following:

- (a) $[(-48 \div 12)] \div 2$
 (b) $[(-6 + 5)] \div [(-8) + 9]$
 (c) $[(-11 - 5)] \div [(-4) + 2]$
 (d) $[(-49 + 5)] \div [(-15) + 4]$
 (e) $[(23 + 5)] \div [(-8) + 1]$

Fractions and Decimals:

vii. Write five equivalent fractions for each of the following:

- (a) $\frac{1}{2}$ (b) $\frac{2}{3}$ (c) $\frac{3}{5}$ (d) $\frac{3}{7}$

viii. Sonia purchased $3\frac{1}{2}$ kg apples and $4\frac{3}{4}$ kg oranges. What is the total weight of fruits purchased by her?

ix. Michael finished colouring a picture in $\frac{7}{12}$ hour. Vaibhav finished colouring the same picture in $\frac{3}{4}$ hour.

Who worked longer? By what fraction was it longer?

x. Find the following:

- (a) $\frac{1}{2}$ of 48 (b) $\frac{2}{3}$ of 63 (c) $\frac{5}{8}$ of $3\frac{5}{6}$ (d) $3\frac{2}{3}$ of $\frac{4}{7}$

xi. A car runs 16 km using 1 litre of petrol. How much distance will it cover using $2\frac{3}{4}$ litres of petrol?

xii. Find:

- (a) $12 \div \frac{3}{4}$ (b) $5 \div 3\frac{4}{7}$ (c) $4\frac{3}{7} \div 7$ (d) $2\frac{1}{3} \div \frac{3}{5}$ (e) $2\frac{1}{5} \div 1\frac{1}{5}$

xiii. Manisha bought 5 kg 300 g apples and 3 kg 250 g mangoes. Sarala bought 4 kg 800 g oranges and 4 kg 150 g bananas. Who bought more fruits?

xiv. Find:

- (a) 0.005×8 (b) 2×0.086 (c) 1565.2×10 (d) 0.007×10
 (e) 2.5×0.03 (f) 0.05×316.8 (g) 101.01×0.001 (h) 100.01×1.1
 (i) $0.35 \div 5$ (j) $651.2 \div 4$ (k) $52.5 \div 10$ (l) $128.9 \div 1000$
 (m) $36 \div 0.2$ (n) $76.5 \div 0.15$

Subject: Science

1. Visit a nearby Health Centre with your parents / elders and ask for “baby health card” which is generally given by the hospitals when a child is born. Interact with the Health Centre in-charge and note down all the childhood diseases against which children are vaccinated. You may collect data of **six children**. Also add the date of vaccination and name of the vaccines those six children have already taken.

You have to use the following format for the same.

S.No	Name of the Child	Age	Vaccination Given For	Name of the Vaccine	Date of Vaccination

2. Make a field trip to national park, sanctuary, zoo, forest or a park. Observe the plants and animals found in the place. Do not disturb the animals. Based on your observations ;

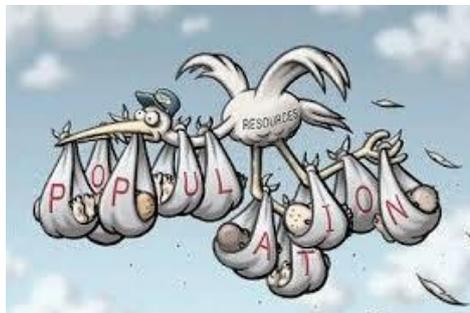
- List the names of the plants spotted in the place.
- List the names of the animals, insects and birds spotted in the place.
- Mention any two food chains occurring in the place.
- Identify the measures that have been taken by the authorities responsible for the maintenance of the national park /sanctuary/park/zoo/forests to safeguard the survival of plants and animals present there.
- Identify how people are posing threat to the life of plants and animals present there.
- Identify at least five campaigns or organizations that were started by people to conserve forests.
- Frame a catch line or design a logo on “ Conservation of forests”
(content not to exceed six pages)

Subject: Social Science

1. World Population day is an annual event, observed on July 11 every year, which seeks to raise awareness of global population issues. The event was established by the Governing Council of the United Nations Development Programme in 1989. World Population Day aims at increase people's awareness on various population issues such as the importance of family planning, gender equality, poverty, maternal health and human rights.

Make a poster on World Population Day - 11 July. (Be Innovative)

Examples :



2. Every nook and corner of India is a clear display of increasing population. Whether you are in a metro station, airport, railway station, road, highway, bus stop, hospital, shopping mall, market, temple, or even in a social/ religious gathering, we see all these places are overcrowded at any time of the day. This is a clear indication of overpopulation in the country.

To understand the problems faced by the people do a survey on High Income Group and Low income Group (2 each)

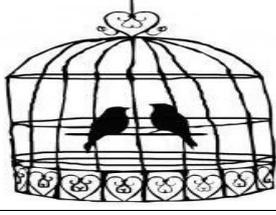
Topics to be covered:

- Causes
- Effects & Problems faced by- family & country
- Awareness about the Initiatives / steps taken by the government

Subject: Hindi (II Language)

1. अपने परिवारकी मदद से अपने किसी पारिवारिक मित्र के माता- पिता का या अपने किसी रिश्तेदार का साक्षात्कार लीजिये. साक्षात्कार उनकी बचपन की यादें , शिक्षा का अधिकार, **पसंदीदा फिल्म, पसंदीदा खाना** आदि बिंदु पर होना चाहिए .[minimum 10-12 questions]

2. हर तरह की सुख सुविधाएँ पाकर भी पक्षी पिंजरे में बंद क्यों नहीं रहना चाहते? कारण बताइए। बहुत से लोग पक्षी पालते हैं –पक्षियों को पालना उचित है अथवा नहीं? पांच पंक्तियाँ लिखिए। निम्नलिखित चित्र को देखकर अपने विचार या कविता लिखिए।



Subject: French (II Language)

1. Conjuguez 10 verbes d'ER group au présent avec le sens.
(Conjugate 10 verbs of ER ending group with its meaning)

2. Appelez vos 2 amis / relatives à la maison pour jouer et écrivez ces conversations téléphoniques sous une forme de dialogue en français environ 60 à 70 mots pour chaque conversation.
(Call your 2 friends / relatives at home to play and write those telephonic conversations in the form of dialogue in French in about 60 to 70 words for each.)

Subject: German (II Language)

1. Laden Sie 2 Freunde /Verwandte/Neighbours zu Haus ein. Sprechen Sie mit ihnen und schreiben Sie über die Dialoge aufs Deutsch.
(Invite 2 friends/ relatives/neighbours at your home. Talk to them and write those conversations in German)

2. Schreib und zeichnen die Namen von 15 Schulsachen mit den Artikel.
(Write and draw name of 15 School items with their articles)